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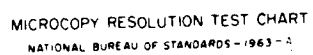
SPARREVOHN AFS ALASKA REVISED UNIFORM SUMMARY OF  
SURFACE WEATHER OBSERVAT..(U) AIR FORCE ENVIRONMENTAL  
TECHNICAL APPLICATIONS CENTER SCOTT A.. MAR 83  
USAFETAC/DS-83/005 SBI-AD-E850 389 F/G 4/2

1/5

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F/G 4/2

N1



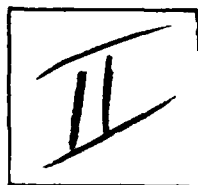
MICROCOPY RESOLUTION TEST CHART  
NATIONAL BUREAU OF STANDARDS - 1963-A

DA 128119

DTIC ACCESSION NUMBER

PHOTOGRAPH THIS SHEET

AD E850 369

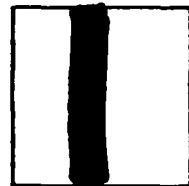


LEVEL



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**DATA PROCESSING DIVISION  
USAFETAC  
Air Weather Service ( MAC )**

ANF TECHNICAL EXTENSION  
FL 441a  
SCOTT AFB, IL 62205

**REVISED UNIFORM SUMMARY OF  
SURFACE WEATHER OBSERVATIONS**

STANLEYVOHNS AFB AR  
N 61 06 W 155 35 ELEV: 1573 FT  
AD04 702350  
SVW

PARTS A - F HOURS SUMMARIZED: 0000Z - 2300Z

**PERIOD OF RECORD:**

HOURLY OBSERVATIONS: JAN 73 - DEC 81  
SUMMARY OF DAY DATA: MAR 53 - MAY 58, SEP 63 - SEP 69,  
OCT 69 - DEC 81

TIME CONVERSION GMT TO LST: -10

16 MAR 1983

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*Wayne E. McCollom*

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Chief, Technical Information Section  
USAFETAC/TST

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AWS Scientific and Technical  
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USAK

702350

SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM															
1. REPORT NUMBER USAFETAC/DS 83/005	2. GOVT ACCESSION NO.	3. RECIPIENT'S CATALOG NUMBER															
4. TITLE (and Subtitle) Revised Uniform Summary of Surface Weather Observations (RUSSWO)-  SPARREVOHN AFS, ALASKA		5. TYPE OF REPORT & PERIOD COVERED Final rept															
7. AUTHOR(s)		6. PERFORMING ORG. REPORT NUMBER															
9. PERFORMING ORGANIZATION NAME AND ADDRESS USAFETAC/OL-A Air Force Environmental Technical Appl. Center Scott AFB, IL 62225		8. CONTRACT OR GRANT NUMBER(s)															
11. CONTROLLING OFFICE NAME AND ADDRESS USAFETAC/CBD Air Weather Service (MAC) Scott AFB, IL 62225		10. PROGRAM ELEMENT, PROJECT, TASK AREA & WORK UNIT NUMBERS															
14. MONITORING AGENCY NAME & ADDRESS (if different from Controlling Office)		12. REPORT DATE MAR 83															
		13. NUMBER OF PAGES															
		15. SECURITY CLASS. (of this report)  UNCLASSIFIED															
		15a. DECLASSIFICATION DOWNGRADING SCHEDULE															
16. DISTRIBUTION STATEMENT (of this Report)  Approved for public release; distribution unlimited.																	
17. DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)																	
18. SUPPLEMENTARY NOTES																	
19. KEY WORDS (Continue on reverse side if necessary and identify by block number) <table border="0"> <tr> <td>*RUSSWO</td> <td>Daily temperatures</td> <td>Atmospheric pressure</td> </tr> <tr> <td>Snowfall</td> <td>Extreme snow depth</td> <td>Extreme surface winds</td> </tr> <tr> <td>Climatology</td> <td>Sea-level pressure</td> <td>Psychrometric summary</td> </tr> <tr> <td>Surface Winds</td> <td>Extreme temperature</td> <td>Ceiling versus visibility</td> </tr> <tr> <td>Relative Humidity</td> <td>*Climatological data</td> <td>(over)</td> </tr> </table>			*RUSSWO	Daily temperatures	Atmospheric pressure	Snowfall	Extreme snow depth	Extreme surface winds	Climatology	Sea-level pressure	Psychrometric summary	Surface Winds	Extreme temperature	Ceiling versus visibility	Relative Humidity	*Climatological data	(over)
*RUSSWO	Daily temperatures	Atmospheric pressure															
Snowfall	Extreme snow depth	Extreme surface winds															
Climatology	Sea-level pressure	Psychrometric summary															
Surface Winds	Extreme temperature	Ceiling versus visibility															
Relative Humidity	*Climatological data	(over)															
20. ABSTRACT (Continue on reverse side if necessary and identify by block number) <p>This report is a six-part statistical summary of surface weather observations for</p> <p>SPARREVOHN AFS, ALASKA</p> <p>It contains the following parts: (A) Weather Conditions; Atmospheric Phenomena; (B) Precipitation, Snowfall and Snow Depth (Daily amounts and extreme values); (C) Surface winds; (D) Ceiling versus Visibility; Sky Cover; (E) Psychrometric (over)</p>																	

DD FORM 1 JAN 73 1473

EDITION OF 1 NOV 65 IS OBSOLETE

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SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

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SECURITY CLASSIFICATION OF THIS PAGE(When Data Entered)

19. Percentage frequency of distribution tables  
Dry-bulb temperature versus wet-bulb temperature  
Cumulative percentage frequency of distribution tables

\*ALASKA

\*SPARREVOHN AFS

\*

20. Summaries (daily maximum and minimum temperatures, extreme maximum and minimum temperatures, psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb and dew point temperatures and relative humidity); and (F) Pressure Summary (means, standard, deviations, and observation counts of station pressure and sea-level pressure). Data in this report are presented in tabular form, in most cases in percentage frequency of occurrence or cumulative percentage frequency of occurring tables.

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The number that identifies the station in this summary is an AWS Master Station Catalog number. This number is comprised of the WHO number with the addition of a suffix zero; or, in cases where there is no designated WHO number, a 5-digit number created in agreement with WHO rules, plus a sixth qualifying digit. These numbers (also referred to as DATSAV or USAFETAC numbers) uniquely identify each of more than 15,000 reporting stations around the world. This is the provenance of the number (e.g., MSC 999999) which will appear on future OL-A standard products.

U.S. AIR FORCE  
ENVIRONMENTAL TECHNICAL  
APPLICATIONS CENTER

## REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

### HOURLY OBSERVATIONS

Hourly observations are recorded on reportable form and are used for the purpose of the summary.

### DAILY OBSERVATIONS

Daily observations are recorded on reportable form and are used for the purpose of the summary.

### DESCRIPTION OF SUMMARIES

The summary consists of a description of the data comprising each part of the summary. The summary is prepared from hourly and daily observations and is used for the purpose of the summary.

The following summaries are included for this station:

#### PART A. WEATHER CONDITIONS

##### ATMOSPHERIC PHENOMENA

#### PART B. PRECIPITATION

##### SNOWFALL

##### SNOW DEPTH

#### PART C. SURFACE WINDS

#### PART D. CEILING VERSUS VISIBILITY

##### SKYCOVER

#### PART E. DAILY MAX, MIN, & MEAN TEMP

##### EXTREME MAX & MIN TEMP

##### PSYCHROMETRIC DRY VS WET BULB

##### MEAN & STD DEV (DRY BULB, WET BULB, & DEW POINT)

##### RELATIVE HUMIDITY

#### PART F. STATION PRESSURE

##### SEA LEVEL PRESSURE

### STANDARD 3-HOUR GROUPS

Standard 3-hour groups requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following sets of hourly observations: 0000-0300, 0300-0600, 0600-0900, 0900-1200, 1200-1500, 1500-1800, 1800-2100, 2100-2400 hours local standard time.

### MISSING HOUR GROUPS

Missing hour groups are omitted when stations maintaining limited observing schedules did not report certain hours or periods for any particular day during the available period of record. Such missing sheets are listed below and are applicable to the summaries prepared from hourly observations.

Area: \_\_\_\_\_

Area: \_\_\_\_\_

Area: \_\_\_\_\_

Area: \_\_\_\_\_

Area: \_\_\_\_\_

Area: \_\_\_\_\_

Area: \_\_\_\_\_

Area: \_\_\_\_\_

Area: \_\_\_\_\_

Area: \_\_\_\_\_

Area: \_\_\_\_\_

Area: \_\_\_\_\_

STATION NO. ON SUMMARY		STATION NAME		LATITUDE		LONGITUDE		STATION ELEV (FT)		CALL SIGN		WFO NUMBER	
702350		SPARREVOHN ALASKA AFS		N 61 06		W 155 35		1573		PASV		70235	
<b>STATION LOCATION AND INSTRUMENTATION HISTORY</b>													
NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY				
			FROM	TO			STATION (FT)	TYPE BAROMETER					
1	Sparrevohn Alaska	AFS	Jul 51	Feb 64	N 61 06	W 155 35	1597	1729Pt	19 to 24				
2	No Change	AFS	Mar 64	Dec 70	No Change	No Change	No Change	1736Pt	No Chge				
3	Same	AFS	Jan 71	Feb 83	Same	Same	1573	Same	24				

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1	Jul 51 to Feb 55	Located 30 ft to the right side at middle of Rnwy.	AN/GMQ-1	None	12Ft	
2	Mar 55 to Feb 56	Located 100 ft E of Rnwy.	No Change	None	No Chge	
3	Mar 56 to Feb 60	Located 500 ft WSW of station.	No Change	ML-240A	15Ft	
4	Mar 60 to Feb 65	Located 2500 ft SW of station, 400 ft from touchdown point of Rnwy.	AN/GMQ-11	None	13Ft	
5	Mar 65 to 11 Jan 67	Located 3960 ft SW of station, 400 ft from touchdown point of Rnwy.	No Change	None	No Chge	
6	2 Jan 67 to Feb 68	No Change	No Change	RO-2/GMQ	No Chge	

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECEIVER	HT. ABOVE GROUND	
7	Mar 68 to Dec 70	Located 3960 ft. SW of station, 600 ft from end of Rwy.	No Change	No Change	14 Ft	
8	Feb 83	Same	Same	Same	Same	

PART A

WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented in two tables as follows:

1. By month and annual, all hours and years combined.
2. By month, all years combined, by standard 3-hour groups.

A percent value of ".0" in these tables indicates less than .05 percent, which is usually only one occurrence. The various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet (ice pellets) - Included are snow, snow pellets, sleet, snow grains, ice crystals, and ice pellets from Jan 68 and later. (Snow pellets also known as soft hail)

Hail - Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the percentages of the observations with precip.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources).

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Continued on Reverse

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

AL CLIMATOLOGY BRANCH  
 FETAC  
 WEATHER SERVICE/MAC

# WEATHER CONDITIONS

SPARREYCHN AFS AK  
 STATION NAME

73-81

YEARS

JAN  
 MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS EST	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH REDUCED VISION	TOTAL NO. OF OBS
JAN	10-22		1.5	1.5	11.2		22.2	7.1		1.7		1.1	728
	13-25		1.9	1.1	17.7		19.7	7.9		1.2		1.1	770
	16-19		1.4	1.2	15.5		17.9	6.6		1.6		1.4	814
	17-21		1.4	1.2	15.2		16.2	11.3		4.2		15.2	823
	12-14		1.1		12.7		17.9	8.4		1.4		12.1	795
	15-17		1.2		12.8		17.1	8.4		1.3		11.1	670
	18-21		1.6		17.9		18.5	9.1		7.1		14.2	114
	11-23		1.6	1.2	17.8		18.5	7.8		1.7		14.5	151
TOTALS			1.3	1.1	17.6		18.7	8.5		1.6		14.5	5437

1. CLIMATELOGY BRANCH  
 PAC  
 FATHER SERVICE/AC

## WEATHER CONDITIONS

2. LOCATION IN AFGHANISTAN  
 STATION NAME

1971

YEARS

3. MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

DATE	THUNDER STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
1971-01-01		0.0	0.0	17.0		17.0	0.0		0.0		0.0	272
1971-02-01		0.0	0.0	17.0		17.0	0.0		0.0		0.0	241
1971-03-01		0.0	0.0	10.0		10.0	7.0		0.0		0.0	740
1971-04-01		0.0	0.0	11.0		11.0	9.0		0.0		0.0	748
1971-05-01		0.0	0.0	10.0		10.0	7.0		0.0		0.0	739
1971-06-01		0.0	0.0	10.0		10.0	5.0		0.0		0.0	292
1971-07-01		0.0	0.0	10.0		10.0	0.0		0.0		0.0	474
1971-08-01	0.0	0.0	0.0	10.0		10.0	0.0		0.0		0.0	402
1971-09-01												
1971-10-01												
1971-11-01												
1971-12-01												
TOTAL		0.7	0.1	14.5		14.1	6.0		0.0		0.0	5274

## WEATHER CONDITIONS

YEARS

2021

MONTH	HOURS FET	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIR	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
MAR	12-11		.7	.1	24.2		24.3	7.1		2.1		14.7	322
	12-12		.1		23.1		23.5	5.1		2.1		15.7	325
	15-16		.6	.2	24.5		27.4	14.7		7.5		21.4	328
	19-11		.7		23.2		23.5	13.1		5.1		17.6	331
	12-14		.6		23.1		23.7	12.6		4.3		16.1	331
	15-17		.4		24.9		25.3	13.9		5.3		17.7	327
	18-20		.6		19.3		22.1	12.5		5.2		15.5	346
	11-13		.6	.2	21.7		22.4	7.2		2.1		1.1	332
TOTALS			.7	.1	24.1		24.6	11.1		6.1		16.1	3225

JOINT CLIMATELOGY BRANCH  
AFETAC  
WEATHER SERVICE/MAC

# WEATHER CONDITIONS

STATION: SPASREVON AFB AK  
STATION NAME

73-71

YEARS

AF  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	MOISTURE DEF.	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
APR 1-10			4.7		21.2		24.1	6.7		2.7		1.1	787
11-20			4.4		27.0		25.1	9.3		4.1		11.4	792
21-30			6.7		12.0		20.4	13.7		2.1		16.0	795
MAY 1-10			4.0		11.3		21.9	12.3		2.0		14.4	774
11-20			4.9		30.0		21.7	8.0		2.1		1.1	725
21-30			4.5	4.7	19.5		20.3	7.7		1.1		2.1	737
JUN 1-10			4.0		19.5		20.2	9.4		1.7		11.1	131
11-20			4.8		2.5		21.7	6.7		2.4		2.1	659
TOTALS			4.7		21.2		22.2	9.2		2.7		11.2	5084

## WEATHER CONDITIONS

MAY  
MONTH

MONTH	HOURS LOT	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
MAY	0-5	.	0.3		7.8		12.3	7.1		.4		7.9	799
JUN-JUL	0-6	.	0.4		6.6		12.0	5.4		.4		6.7	636
AUG-SEP	0-6	.	4.1		8.6		11.5	6.9		.5		6.4	636
OCT-NOV	0-2	.2	0.7		0.7	.1	13.9	5.5		.		6.6	636
DEC-FEB	0-2	.2	14.1		7.4	.3	16.6	2.2		.		2.2	637
MAR-APR	0-1	.1	13.3		5.1	.4	17.1	2.5		.		2.2	624
MAY-JUN	0-3	.3	14.2		4.2	.3	16.8	3.2		.		2.2	684
JUL-AUG	0-3	.	1.3	.5	5.7		15.1	5.6		.1		6.2	634
TOTALS		.1	5.9	.1	7.5	.2	14.8	5.5		.		5.7	6284

LOCAL CLIMATOLOGY BRANCH  
AFETAC  
WEATHER SERVICE/MAC

# WEATHER CONDITIONS

63  
STATION

SPARREVOON AFS AK  
STATION NAME

73-81

YEARS

JUL  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS EST	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JUL	1-24		10.4		.7		10.5	10.5	.4			10.7	762
	25-31		17.7		1.4		20.7	14.8	.4			10.5	778
	1-30		17.5		2.1		20.7	12.4	.5			13.1	767
	1-31		17.4		.8		17.8	7.4				7.4	762
	12-31	.5	24.5		.6	.3	22.2	6.4				10.1	762
	15-17	1.2	24.4		.2		22.4	3.0	.3			10.1	665
	18-20	.6	24.1				24.1	5.6	.6			10.1	122
	1-23		17.6		.2		19.6	8.3	.6			10.9	341
TOTALS		.3	20.7		.8	.3	21.1	8.6	.4			10.1	5619

## WEATHER CONDITIONS

July  
MONTH

MONTH	HOURS EST.	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
JUL	7-12		23.1				23.1	13.0	.1			13.7	771
	8-20		22.9				22.9	19.5				19.2	754
	6-20		20.0				20.0	20.1				20.7	802
	9-11		23.9				23.9	17.0	.5			17.0	826
	17-14	.4	20.1				20.1	12.4	.4			12.7	796
	15-17	.5	20.3				20.3	5.9	.2			5.9	845
	18-20		22.8				22.8	7.7				7.7	432
	1-23	.2	19.6				19.6	12.0				12.0	475
TOTALS		.1	22.3				22.3	13.3	.2			13.2	5549

CENTRAL CLIMATOLOGY BRANCH  
AFSTAC  
AFW WEATHER SERVICE/MAC

# WEATHER CONDITIONS

STATION

JPABREWUN AFS AK  
STATION NAME

73-61

YEARS

AVG  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HALE	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
AUG	0-23		17.1		.4		19.3	15.9	.2			14.1	153
	03-05		23.3		.2		23.3	12.0	1.1			14.2	110
	06-10		19.1				19.1	13.0	1.2			14.0	817
	09-11		22.6		.1		22.6	13.7	1.1			14.5	519
	12-14	.1	24.6				24.6	7.5	.7			14.3	517
	15-17	.9	24.9		.3		25.1	4.4	1.1			14.1	598
	18-20	.6	21.0		.6		21.6	5.8	1.4			7.2	124
	21-23		10.1		.5		10.7	6.9	1.6			6.0	179
TOTALS		.2	24.6		.3		21.8	9.5	1.2			12.2	5893

CLIMATOLOGY BRANCH  
AFETAC  
AIR WEATHER SERVICE/MAC

# WEATHER CONDITIONS

2307  
STATION

SPARREVOHN AFS AK  
STATION NAME

73-81

YEARS

SEP  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
SEP	10-22		10.2	.1	3.4		21.3	7.1		.1		1.1	11
	3-10		10.5	.1	4.2		20.9	6.9		.1		.1	17
	16-23		17.7	.1	4.8		12.1	13.7		.1		15.1	107
	19-11		10.8		5.1		21.7	14.9		.1		14.9	117
	13-14	.2	19.5		4.8		23.3	6.7		.1		6.7	116
	15-17	.2	10.9		4.3	.1	24.9	9.1		.1		1.1	111
	18-20		10.9		4.1		22.3	7.1		.1		7.1	156
	21-23		10.8		4.1		20.7	9.4		.1		1.1	155
TOTALS		.1	10.1	.1	4.3		22.1	11.2		.1		1.1	142

## WEATHER CONDITIONS

YEARS

5

MONTH	HOURS EST.	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
JAN	0-24	.	7.1	.4	26.8	.	33.9	17.4	.	2.2	.	21.7	322
FEB	0-24	.	6.7	.6	26.1	.	31.7	19.0	.	7.1	.	24.2	322
MAR	0-24	.	6.3	.	27.4	.	33.9	22.9	.	7.2	.	28.0	322
APR	0-24	.	7.4	.1	25.6	.	32.1	21.5	.	7.3	.	27.0	322
MAY	0-24	.	6.1	.2	23.7	.	31.1	18.6	.	5.7	.	22.0	324
JUN	0-24	.	6.3	.3	22.3	.	34.1	16.0	.	2.4	.	19.4	779
JULY	0-24	.	6.5	.2	25.9	.	32.0	18.5	.	3.3	.	18.0	629
AUG	0-24	.	7.4	.6	27.4	.	34.7	19.6	.	5.0	.	23.0	679
<b>TOTAL:</b>													
			1.2	.3	26.3		32.9	19.1		5.0		23.3	2226

## WEATHER CONDITIONS

225  
226

SPADREVJIN AFS AK  
STATION NAME

73-51

YEARS

MONTH

MONTH	HOURS EST	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBS1 TO VISION	TOTAL NO. OF OBS
JAN	2-22		2.3	1.1	31.2		33.2	17.3		1.2		25.4	794
	3-5		2.9		22.3		31.5	16.5		12.2		21.2	794
	6-8		2.8		26.3		31.3	16.2		2.2		22.2	795
	9-11		2.6	1.1	22.3		27.4	16.4		7.2		22.1	798
	12-14		2.3		26.4		28.6	15.3		6.2		21.2	728
	15-17		2.3		25.4		27.5	16.2		2.2		21.1	771
	18-20		2.2		29.5		32.1	17.2		7.2		21.2	127
	21-23		2.6		31.1		33.3	15.5		6.2		18.6	585
TOTALS			2.2	1.2	28.3		31.5	16.3		9.4		21.2	2243

FEDERAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/AFAC

## WEATHER CONDITIONS

STATION NAME: UPA FREUCHON AFS AK YEARS: 73-51 MONTH: DEC

### PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS EST	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
DEC	0-24		.2	.5	34.6		34.9	12.7				21.4	632
	03-06		.5	.4	34.1		34.1	13.4		3.0		21.0	634
	06-09		.2		34.5		34.5	15.7		7.4		21.0	634
	09-12		.2	.2	27.1		27.5	18.7		7.0		23.0	620
	12-15				29.2		29.2	16.7		7.7		21.0	632
	15-18		.4		31.5		31.5	16.5		7.1		22.0	625
	18-21		.1		32.4		32.5	15.7		1.0		22.7	638
	21-24		.2	.3	31.9		32.5	15.9		2.7		22.0	645
TOTALS			.2	.2	31.8		32.2	15.0		8.0		21.5	6267

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## WEATHER CONDITIONS

1953  
12-1-53

SPARRE, DHA AFS 44  
STATION NAME

73-51

YEARS

ALL  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	THUNDER STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
JAN ALL		0.7	0.2	17.6		18.7	0.5		0.0		19.2	5137
FEB	0.1	0.7	0.1	14.5		15.1	0.0		4.0		19.2	5274
MAR		0.7	0.1	24.1		24.9	1.0		5.0		16.0	5127
APR		0.7	0.1	21.2		22.2	9.0		0.7		11.0	5554
MAY	0.1	0.9	0.1	7.0	0.2	14.0	5.5		0.0		5.7	6264
JUN	0.3	7.7		0.0	0.2	21.1	0.0	0.4			0.0	5019
JUL	0.1	24.3				22.2	10.3	0.2			13.0	5518
AUG	0.2	24.0		0.2		21.0	9.5	1.2			10.0	5597
SEP	0.1	10.1	0.0	4.3	0.2	22.1	10.2		0.0		11.7	5141
OCT		7.2	0.3	23.3		32.9	19.1		0.0		23.0	6226
NOV		0.9	0.0	20.3		30.5	16.3		0.4		21.0	5943
DEC		0.2	0.2	31.0		32.0	15.0		0.0		21.0	6267
TOTALS	0.1	0.9	0.1	14.7	0.1	23.2	11.2	0.2	3.7		14.0	7105

## PART A

## ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrence of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms or from hourly data and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these daily tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than the percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual categories may differ from the total columns.

A percent value of ".0" in the table indicates less than .05 percent, which is usually only one occurrence.

This presentation is by month with annual totals, and is prepared with all years combined.

- NOTES: (1) A day with rain and/or drizzle was not separately reported in the WBAN data prior to year 1949. Therefore, percentages in this column are restricted to the period Jan 1949 and later.
- (2) A day with freezing rain and/or freezing drizzle is also properly reported as a day with rain and/or drizzle.
- (3) A day with dust and/or sand is included in this summary only when visibility is reduced to less than 5/8 mile.

USAF CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

XXXXXXXXXXXXXXXXXXXXX  
WEATHER CONDITIONS  
ATMOSPHERIC PHENOMENA

7 2350 SPAPREVON AFS AK

53-59, 63-61

ALL

FORM 1

STATION NAME

YEARS

MONTH

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA  
FROM DAILY OBSERVATIONS

MONTH	WINDY PERCENT	THUNDER STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN OR DRIZZLE	SNOW AND/OR SLEET	HAZE	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BUSINESS CLOUDS	DUST AND/OR SAND	ICE CLOUDS	TOTAL PERCENT
JAN	DAILY		7.1	1.7	50.6		52.4	37.4		17.3		44.5	53.3
FEB			5.7	1.6	54.6		55.4	37.7		23.8		48.1	57.9
MAR			5.7	1.1	57.9		59.2	41.9		2.6		47.8	59.5
APR			11.8	1.8	57.9		60.1	38.7		15.7		43.1	66.7
MAY		1.3	44.1	.4	35.3	2.1	61.2	74.8		0.4		25.2	71.7
JUN		4.4	60.5		4.4	1.6	66.8	70.6	4.1			34.2	67.1
JUL		3.4	67.6		.5	.5	67.6	40.3	3.8			43.6	62.4
AUG		1.6	72.3		2.4	.3	72.3	41.4	1.1			42.1	67.1
SEP		.8	58.9	.8	17.8	.7	56.2	36.7	.7	1.3		37.1	61.3
OCT			26.2	3.1	61.6		74.9	56.9	.5	21.1		61.9	68.2
NOV			7.3	1.5	60.9		62.9	48.6	.2	22.4		56.2	60.3
DEC			5.1	2.1	65.6		66.1	51.4	.2	25.9		59.8	56.4
TOTALS		1.0	31.4	1.2	39.1	.4	63.8	40.5	.9	12.5		45.4	73.9

IR FORCE  
TAL TECHNICAL  
IONS CENTER

### B PRECIPITATION, SNOWFALL & SNOW DEPTH

of the Uniform Summary consists of eight summaries derived from daily observations as follows:

rst set presents, in three tables, the percentage frequency of various daily amounts of PRECIPITATION, SNOWFALL, and SNOW DEPTH. The daily amount summary is prepared by month and annual, all years combined, includes percent of days with measurable amounts; percent of days having none, traces, and given s; and means, greatest and least monthly amounts. (The last three statistics are omitted from the epth summary because of their doubtful and limited value.) A total count of valid observations is for months and annual. Stations are included in which a portion or all of the period may contain with missing days. This will be noted on the summary pages. A percent value of ".0" in these amount tables indicates less than .05 percent which is usually only one occurrence.

cond set of three tables presents the extreme daily amounts, by individual year and month, of PRECIPITATION, SNOWFALL, and SNOW DEPTH for the entire period of record available. Also provided are means and standard deviations for each month and annual (all months) and the total valid observation

An asterisk (\*) is printed in any year-month block when the extreme value is based on an incomplete month (at least one day missing for the month). When a month has valid observations reported occurrences, zeros are given in the tables as follows:

EXTREME DAILY PRECIPITATION	".00"	equals none for the month (hundredths)
EXTREME DAILY SNOWFALL	".0"	equals none for the month (tenths)
EXTREME DAILY SNOW DEPTH	"0"	equals none for the month (whole inches)

rd set of two tables provides the total monthly amounts of PRECIPITATION and SNOWFALL for each year and annual. Also prepared are the means, standard deviations, and total number of valid observations for each month and annual (all months). An asterisk (\*) is printed in each data block if one or more days are missing for the month. No occurrences for a month are indicated in the same manner as in the extreme tables above. If a trace becomes the extreme or monthly total in any of these tables it is printed as

Continued on Reverse Side

means and standard deviations do not include measurements from incomplete months.

- NOTES: (1) The above studies may also be prepared for stations operating for less than full months for portions or all of the period of record. This may include stations operating 5 or 6 days a week and those with only random days missing. An asterisk (\*) in the data blocks will give an indication that a month is incomplete. Please refer to Station History at front of book and observation counts in each summary to evaluate the amounts of data missing.
- (2) Hail was included in snowfall occurrences in the summary of day observations prior to Jan 56, but these occurrences have been removed from snowfall category and counted as Hail in these summaries.
- (3) Snow Depth was recorded and punched at various hours during the period available from U. S. operated stations. The hours used by each service for each period are as follows:

Air Force Stations:

Beginning thru 1945	at 0800LST
Jan 46-May 57	at 1230GMT
Jun 57-present	at 1200GMT

U. S. Navy and National Weather Service (USWB)

Beginning thru Jun 52	at 0030GMT
Jul 52-May 57	at 1230GMT
Jun 57-present	at 1200GMT

2  
↑

FEDERAL CLIMATOLOGY BRANCH  
WASH DC  
AIR WEATHER SERVICE/MAO

# DAILY AMOUNTS

PERCENTAGE FREQUENCY OF  
PRECIPITATION  
(FROM DAILY OBSERVATIONS)

STATION SPRINGFIELD AFB AR STATION NAME 1951-1961 YEARS

PRECIP	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	01	02-05	06-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	01-04	05-14	15-24	25-34	35-44	45-64	65-104	105-154	155-254	255-504	OVER 504					
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	43.7	2.0	4.2	12.1	5.8	5.3	2.9	.0						31.4	605	1.12	7.7	.03
FEB	44.5	1.8	5.2	14.6	7.1	5.4	3.7	.0						35.7	575	.97	2.63	.01
MAR	41.4	1.0	5.3	11.8	9.3	8.1	3.8	.0	.1					38.6	672	1.39	3.29	.04
APR	41.1	2.1	4.6	13.6	6.5	6.1	3.1	1.1	.7					37.3	714	1.57	4.42	.01
MAY	38.1	28.8	5.8	12.9	6.3	7.1	2.8	.4						33.2	744	1.23	7.39	.23
JUN	31.3	21.7	4.7	12.0	7.1	14.0	6.9	2.5	.5					47.1	651	2.34	5.11	.39
JUL	32.7	14.7	4.7	12.7	9.1	12.2	11.3	6.1	.0	.2				54.5	557	4.1	6.36	.01
AUG	25.1	12.0	3.6	14.4	12.3	14.5	11.1	5.3	1.4					61.1	533	4.19	7.45	1.71
SEP	34.7	14.4	5.6	12.7	9.1	12.3	8.8	3.4	.6					51.1	648	2.74	7.23	.44
OCT	24.7	22.0	5.8	17.0	11.5	13.6	3.7	1.3						53.3	663	1.89	3.817	.307
NOV	36.7	22.1	6.9	13.9	7.9	6.2	3.1	1.1						41.0	623	1.22	3.12	.25
DEC	34.1	24.1	6.5	15.1	9.9	7.1	3.3	.7	.2					41.5	544	1.35	4.11	.03
ANNUAL	33.9	22.3	5.1	13.2	7.2	9.7	5.3	2.1	.3	.0				43.9	7849	3.79		

1

U.S. AIR FORCE CLIMATE DIVISION  
ETAC  
WEATHER SERVICE/MAC

## EXTREME VALUES

PRECIPITATION

FROM DAILY OBSERVATIONS

STATION

SPARROWDALE AFB AR

STATION NAME

55-56, 63-64

YEARS

24 HOUR AMOUNTS IN INCHES

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
YEAR													
1			.10	.11	.43	.74	1.71	1.74	.71	.11	.41	.11	
24	.22	.57	.26	.13	.22	.23	2.77	.54	1.55	.20	.45	.23	1.77
15	.31	.16	.34	.15	.14	1.34	1.27	1.73	.38	.51	.15	1.13	1.17
51	.31	.75	1.33	.21	.45	.32	.88	1.23	.45	.55	.55	.53	1.55
57	.31	.31	.45	.11	.22	.75	.47	.38	.67	.51	.47	.11	.11
58	.31	.31	.21	.41	.22								
59									.71	.71	.15	.57	
64	.11	.71	.41	.34	.53	1.11	.21						
65		.11	.39	.25	.35	.73					.44	.71	
66	.47	.28	.13	.17	.29	.32	.62	.62	.32	.31			
67	.11	.16	.42	1.46	.77	.54	.82	.95	.44	.32			
68				.37	.37			.71	.41	.21	.12	.12	
69	.31	.38	.34	.17	.14	.21	1.34	.35	.17	.11	.22	.11	1.11
71	.14	.34	.35	.24	.31	.27	.71	.63	1.41	.51	.51	.11	1.11
72	.24	.34	.15	.11	.15	.45	.64	1.74	.43	.53	.35	.11	1.11
73	.24	.16	.34	1.11	.57	.37	.41	1.14	1.13	.45	.17	.14	1.14
74	.11	.13	.34	.15	.45	1.32	1.11	.34	.69	.51	.40	.11	1.11
75	.17	.38	.51	.31	.37	.15	.83	1.12	.54	.54	.19	.11	1.11
76	.17	.36	.62	1.25	.16	.51	.90	.53	.75	.28	.71	.55	1.11
77	.14	.14	.76	.42	.36	.22	.94	.43	.85	.35	.54	.35	1.14
78	.45	.55	.34	.71	.63	.75	.47	.41	1.75	.75	.13	.45	1.75
79	.11	.47	.12	.13	.26	.41	.65	.68	.55	.19	.38	.71	.71
80	.31	.18	.34	.43	.39	.75	.51	.78	.51	.24	.75	.71	.71
81	.11	.17	.15	.71	.45	.73	.92	.71	.81	.21	.11	.71	.71
82	.57	.32	.35	.11	.31	.75	.64	1.75	.31	.21	.75	.37	1.55
83													
84													
85													
86													
87													
88													
89													
90													
91													
92													
93													
94													
95													
96													
97													
98													
99													
100													
MEAN	.57	.28	.41	.51	.37	.57	.92	.75	.71	.45	.51	.37	.57
S.D.	.57	.17	.52	.57	.14	.25	.34	.38	.43	.71	.75	.51	.57
TOTAL OBS	100	575	177	714	144	551	657	613	645	46	325	194	744

NOTE: \* BASED ON LESS THAN FULL MONTHS

USAF ETAC FORM 088-5 (OL A)

JUL 64

# EXTREME VALUES

FROM DAILY OBSERVATIONS

STATION

STATION NAME

1951-1952, 1953-1954

YEARS

## TOTAL MONTHLY PRECIPITATION, 1 INCHES

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
1951													
1952													
1953													
1954													
1955													
1956													
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1958													
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2066													
2067													
2068													
2069													
2070													
2071													
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2083													
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2085													
2086													
2087													
2088													
2089													
2090													
2091													
2092													
2093													
2094													
2095													
2096													
2097													
2098													
2099													
2100													

NOTE: \* BASED ON LESS THAN FULL MONTHS

USAF ETAC FORM 0885 (OLA)

2

CLIMATOLOGY BRANCH  
METAC  
WEATHER SERVICE/MAC

## DAILY AMOUNTS

PERCENTAGE FREQUENCY OF  
(FROM DAILY OBSERVATIONS)

STATION

STATION NAME

YEARS

AMOUNTS (INCHES)														PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	01	02 03	04 10	11 25	26 50	51 100	101 250	251 500	501 1000	1001 2000	OVER 2000			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	01 04	05 14	15 24	25 34	35 44	45 64	65 104	105 154	155 254	255 504	OVER 504					
SNOW DEPTH	NONE	TRACE	1	2	3	4 6	7 12	13 24	25 36	37 48	49 60	61 120	OVER 120					
JAN	49.1	21.3	13.6	7.4	2.4	1.9	1.1	1.1	.3					29.9	525	11.2	31.6	
FEB	44.4	20.2	14.9	13.3	7.1	2.1	.7	.9	.3					34.7	579	11.2	28.8	
MAR	41.4	21.3	14.3	12.2	5.1	3.4	1.1	.7	.4	.3				37.4	690	11.2	41.2	
APR	42.4	22.6	14.8	12.5	4.8	1.7	1.1	.3	1.7	.3	.1			36.6	714	14.9	54.1	
MAY	55.2	18.7	7.7	4.3	2.6	.7		.3						15.5	744	4.1	21.1	
JUN	45.1	2.0	1.2	.6	.2	.2	.7							2.3	65	.3	9.2	
JUL	59.1	.4													674	TRACE	TRACE	
AUG	57.9	1.8	.2	.2										.3	662	.1	.6	
SEP	63.3	11.3	2.8	1.6	.1	.2	.1	.3	.7					5.7	671	2.4	5.3	
OCT	35.1	20.4	16.6	15.0	5.7	1.5	1.7	1.1						41.5	662	14.3	35.1	
NOV	39.2	20.2	17.4	14.2	4.1	1.9	.6	1.1	.7					35.9	627	11.4	25.3	
DEC	34.6	22.8	13.5	15.1	3.9	2.5	.8	1.4	.3	.2				42.5	544	14.6	31.7	
ANNUAL	51.7	15.1	13.1	8.2	2.7	1.3	.6	.3	.2	.1	.2			23.9	7932	99.5		

NO. 125 T. 100Y 1NCH  
 125 T. 100Y 1NCH  
 125 T. 100Y 1NCH

# EXTREME VALUES

FROM DAILY OBSERVATIONS

STATION NAME  
 STATION NAME

03-01, 03-01

YEARS

24 HOUR AMOUNTS IN INCHES

YEAR	MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
1										TRACE	1.1	7.11	1.	
4		0.1	0.7	1.6	1.1	TRACE	TRACE			TRACE	3.4	1.41		
5		0.1	1.8	1.0	1.0	0.3	2.7	TRACE	TRACE	0.1	1.	1.11	1.1	
51		4.0	7.3	1.0	4.2	2.2	TRACE			0.0	4.7	4.81	1.1	
77		0.0	1.2	4.8	0.0	0.0				0.1	1.1	4.01	1.1	
78		0.0	0.0	0.1	4.1	2.8						1.0	0.7	
79		1.0	4.3	4.3	1.2	0.3	TRACE		TRACE					
80				1.0	1.0	2.8	TRACE		TRACE		TRACE	0.4	1.1	
81		0.0	1.2	0.0	1.7	1.8			TRACE	TRACE	1.1			
82			1.0	4.1	17.3	0.0	TRACE			0.0	0.0			
83					0.0	2.2			TRACE	0.4	2.4	1.3		
84		0.0	0.0	0.4	1.7	0.0	0.0		TRACE	0.1	0.1	1.2	1.1	7.1
85		1.0	0.4	0.6	1.3	0.1	TRACE			0.1	0.1	4.1	1.1	0.1
86		0.0	4.0	4.0	0.3	1.1	0.0		0.1	TRACE	0.3	0.7	4.1	0.1
87		0.7	1.6	0.4	1.1	2.2	0.0		0.0	4.3	1.7	1.0	1.1	1.1
88		0.0	1.2	0.0	1.0	0.0	4.0		TRACE	0.1	4.1	1.1	1.1	1.1
89		0.7	0.9	7.6	2.9	0.3	0.0		0.0	0.0	1.0	3.8	1.3	7.1
90		0.0	0.9	12.7	14.7	2.0	0.0		TRACE	3.7	1.5	0.7	1.1	10.1
91		0.0	1.7	0.1	3.9	1.3	0.0		0.0	7.1	3.0	7.2	0.1	0.1
92		4.1	0.5	0.3	0.0	2.1	0.0		0.0	7.5	0.1	2.4	0.0	7.1
93		1.0	1.0	1.8	1.3	0.2	TRACE			0.1	1.0	1.8	4.1	1.1
94		1.0	2.2	0.0	4.7	1.4	TRACE			0.1	2.4	1.7	0.7	0.1
95		0.0	1.2	0.0	1.0	1.1	TRACE			0.0	1.1	3.7	1.1	1.1
96		1.0	0.2	0.0	1.0	2.0	1.1	TRACE		0.0	2.4	1.2	0.1	1.1
+ (BASED ON LESS THAN FULL MONTHS)														
MEAN		3.40	1.39	4.06	4.11	1.47	0.28	TRACE	0.0	1.70	7.37	3.26	0.70	
50		0.12	2.318	3.598	4.511	1.252	0.673	0.00	0.108	2.347	1.881	2.133	2.000	1.1
TOTAL OBS		575	579	63	714	704	65	074	562	671	002	027	004	7



1  
2  
⬇

CENTRAL CLIMATOLOGY BRANCH  
CAFETAC  
40 WEATHER SERVICE/MAC

# DAILY AMOUNTS

PERCENTAGE FREQUENCY OF  
PRECIPITATION  
(FROM DAILY OBSERVATIONS)

7-2787 STATION SPARREVOHN AFS AK STATION NAME 53-52, 63-41 YEARS

PRECIP	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	01	02-05	06-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	01-04	05-14	15-24	25-34	35-44	45-64	65-104	105-154	155-254	255-504	OVER 504					
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	.1	.4	1.1	7.8	5.2	22.6	22.2	24.7	12.6	3.3	.1			99.3	713			
FEB		.2	3.2	9.3	6.1	16.4	22.3	27.2	1.2	4.5	.9			92.8	547			
MAR		2.4	5.7	9.2	4.6	12.3	27.2	23.1	8.7	3.5	2.8	1.3		97.5	742			
APR	3.7	3.5	11.3	11.3	7.8	14.5	18.6	9.7	5.7	7.6	1.1	2.2		87.3	719			
MAY	44.1	19.6	12.9	4.7	2.2	7.1	3.6	1.3	2.2	.4	.3	.7		35.6	744			
JUN	92.1	7.2	.5		.2	.2								.6	650			
JUL	100.1														715			
AUG	99.2	.1													696			
SEP	91.1	4.3	1.7	.7	.4	1.3								4.1	727			
OCT	33.7	14.4	11.3	9.6	9.1	19.5	4.4	3.1	.1					54.9	743			
NOV	3.9	3.3	13.7	9.7	13.8	22.3	17.3	13.6	4.1	1.9				93.2	718			
DEC		1.5	1.4	4.6	9.1	17.3	24.1	27.7	13.2	2.4				98.5	743			
ANNUAL	33.7	5.2	4.9	5.4	4.7	11.1	11.7	10.9	4.7	1.9	.4	.3		56.1	9519			

ALL SNOW DEPTH DATA  
 ETAC  
 STATION 0885 (OLA)

# EXTREME VALUES

FROM DAILY OBSERVATIONS

STATION 0885 (OLA)  
 STATION NAME

ED-6, 63-64

YEARS

DAILY SNOW DEPTH IN INCHES

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
YEAR													
4		17							TRAC		14		
5		11			4						7		
6		14			TRAC						1		
7	4	25	12	7	TRAC				TRAC				
8		5											
9										1	1	2	
10		11	50	14	67						40		
11		11	42	14	7						10		
12		14	1								17		
13		11	77	50	3						1		
14		11	12	13	5						1		
15		15	27	13							1		
16		10	18	11	4				TRAC		1		
17		13	23	18	7						1		
18		29	30	47	31						1		
19		8	10	13	1						1		
20		11	14	5	TRAC						1		
21		25	37	45	TRAC				TRAC		1		
22		3	16	10	3	TRAC					1		
23		15	25	64	15						1		
24		1		4							1		
25		20	27	12					TRAC		1		
26		23	17	3	TRAC				TRAC		1		
27		7	5	8							1		
MEAN	11.5	17.4	21.5	10.9	7.3				1.1		11.7	1.7	7.5
S D	7.5	5.7	7.4	7.2	7.4				1.7		5.4	1.1	7.1
TOTAL OBS	7	5	7	7	7				7		5	7	7

U S AIR FORCE  
ENVIRONMENTAL TECHNICAL  
APPLICATIONS CENTER

PART C

SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

- \* 1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through June 1968, and in tens of degrees starting in July 1968. The extreme is selected and printed from available peak gusts for each year-month, however an asterisk (\*) is printed in the data block if less than 90% (3 or more missing observations) of the peak gusts are available for the month. An ALL MONTHS value is presented when every month of the year has valid observations. Means and standard deviations are also computed when four or more values are present for any column. A total raw count of valid observations is presented for each month and ALL MONTHS.

NOTE: According to Federal Meteorological Handbook No. 1 specifications (formerly Circular N), "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

- \* 2. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both directions and speed, and in addition the mean wind speed is given for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VRBL.

- a. Three tables are prepared for ALL WEATHER surface winds, all years combined, by: (1) Annual - all hours combined, (2) By month - all hours combined, and (3) By month - by standard 3-hour groups.
- b. A separate annual table is also presented for surface winds meeting INSTRUMENT CLASS conditions as follows: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

NOTE: A percentage frequency of ".0" in these tables represents one or more occurrences amounting to less than ".05" percent.

Values for means and standard deviations do not include measurements from incomplete months.



TOTAL NUMBER OF OBSERVATIONS

# SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

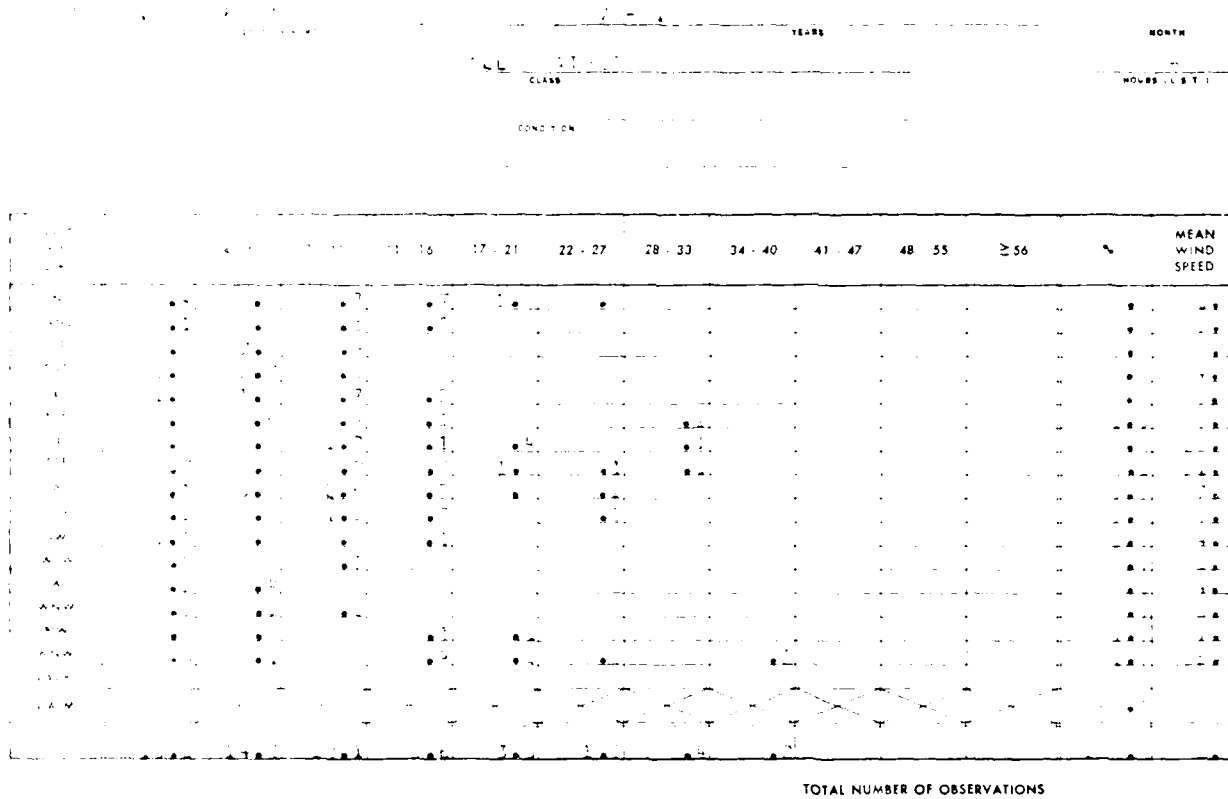
STATION NAME \_\_\_\_\_ YEARS \_\_\_\_\_ MONTH \_\_\_\_\_  
CLASS \_\_\_\_\_ HOURS (G.T.) \_\_\_\_\_  
CONDITION \_\_\_\_\_

WIND DIR	4-5	6-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	MEAN WIND SPEED
N											
NNE											
N-E											
ENE											
E											
ESE											
SE											
SSE											
S											
SSW											
SW											
WSW											
W											
WNW											
NW											
NNW											
VAR											
CALM											

TOTAL NUMBER OF OBSERVATIONS

WINDS OF FORCE 1 OR LESS ARE NOT OBSERVED

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)



# SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

STATION NAME WARRINGTON AFB, AR YEARS 1941-1942 MONTH ALL MONTHS  
CLASS ALL MONTHS HOURS (L.S.T.)  
CONDITION

DIRECT WIND DIR	2	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
NNE	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
NW	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
ESE	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
E	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
ESE	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
SE	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
SSE	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
S	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
SSW	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
SW	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
WSW	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
W	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
WNW	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
NW	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
NNW	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
VARBL	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
CALM	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1

TOTAL NUMBER OF OBSERVATIONS

ALL DIRECTIONS OF WIND ARE OBSERVED

# SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

STATION NAME STATION NAME YEARS 1951-1952 MONTH ALL MONTHS

CLASS ALL MONTHS NORTH HOURLY

CONDITION

WIND DIRECTION	0-3	4-6	7-10	11-15	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	0	0	0	0	0	0	0	0	0	0	0	0	0
NNE	0	0	0	0	0	0	0	0	0	0	0	0	0
N	0	0	0	0	0	0	0	0	0	0	0	0	0
NNE	0	0	0	0	0	0	0	0	0	0	0	0	0
E	0	0	0	0	0	0	0	0	0	0	0	0	0
ESE	0	0	0	0	0	0	0	0	0	0	0	0	0
SE	0	0	0	0	0	0	0	0	0	0	0	0	0
SSE	0	0	0	0	0	0	0	0	0	0	0	0	0
S	0	0	0	0	0	0	0	0	0	0	0	0	0
SSW	0	0	0	0	0	0	0	0	0	0	0	0	0
SW	0	0	0	0	0	0	0	0	0	0	0	0	0
WSW	0	0	0	0	0	0	0	0	0	0	0	0	0
W	0	0	0	0	0	0	0	0	0	0	0	0	0
WNW	0	0	0	0	0	0	0	0	0	0	0	0	0
NW	0	0	0	0	0	0	0	0	0	0	0	0	0
NNW	0	0	0	0	0	0	0	0	0	0	0	0	0
VARBL	0	0	0	0	0	0	0	0	0	0	0	0	0
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0

TOTAL NUMBER OF OBSERVATIONS 720

REMARKS: ALL OBSERVATIONS OF THIS FORM ARE OBSOLETE

# SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

STATION SPRINGS, ARIZONA DATE 1-1-51 YEARS 1941-1950 NORTH 000  
 CLASS ALL HOURS (LST) 0000-2300  
 CONDITION ALL

DIR	1-5	6-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
NNE	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
NE	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
ENE	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
E	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
ESE	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
SE	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
SSE	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
S	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
SSW	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
SW	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
WSW	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
W	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
WNW	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
NW	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
NNW	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
VARBL	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
CALM	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2

TOTAL NUMBER OF OBSERVATIONS 50

ALL DATA ARE FROM 0000-2300 HOURS. DATA FROM 0000-0500 HOURS ARE OBSERVED.

1. NAME OF STATION  
 2. LOCATION  
 3. ELEVATION

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

## SURFACE WINDS

STATION \_\_\_\_\_ STATION NAME \_\_\_\_\_ YEARS \_\_\_\_\_ MONTH \_\_\_\_\_  
 CLASS \_\_\_\_\_ HOURS (L & T) \_\_\_\_\_  
 CONDITION \_\_\_\_\_

WIND DIRECTION	1-2	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.4	0	0.4	0.6	1.6	0.6	0	0	0	0	0	0.4	1.2
NNE	1.4	1.0	1.4	0.4	0	0	0	0	0	0	0	0.4	1.2
N-E	0	0.1	0	0	0	0	0	0	0	0	0	0	0
ENE	0.6	1.0	1.0	0	0	0	0	0	0	0	0	0.4	1.2
E	0.6	1.0	0.6	0.4	0.2	0	0	0	0	0	0	0.4	1.2
ESE	0.4	0	0	0	0	0	0	0	0	0	0	0	0
SE	0.4	1.0	0.4	0	0.4	0	0	0	0	0	0	0.4	1.2
SSE	0	0.4	0.4	0.2	0.2	0.2	0	0	0	0	0	0.4	1.2
S	0	0.4	1.0	0.4	0.2	0.2	0	0	0	0	0	0.4	1.2
SSW	0	0	0.4	0.4	0.2	0.2	0	0	0	0	0	0.4	1.2
SW	0	0	0.4	0.4	0.2	0	0	0	0	0	0	0.4	1.2
WSW	0	0	0	0.2	0	0	0	0	0	0	0	0	0
W	0	0	0	0.2	0	0	0	0	0	0	0	0	0
WNW	0	0	0.2	0.2	0.4	0	0	0	0	0	0	0.4	1.2
NW	0.4	0	0.2	0.4	0.2	0.2	0	0	0	0	0	0.4	1.2
NNW	0.6	0.2	0.4	0.2	0.2	0.2	0	0	0	0	0	0.4	1.2
VARBL	0	0	0	0	0	0	0	0	0	0	0	0	0
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	1.4	3.0	2.2	2.4	2.6	2.2	1.4	0	0	0	0	10.0	1.2

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_

4. STATE OF \_\_\_\_\_  
 5. PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

# SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

STATION SPAN-REVIEW AES AL STATION NAME ALL-CLAS YEARS 1951-52 MONTH 1  
CLASS ALL-CLAS HOUR (LST) 1  
CONDITION ALL-CLAS

SPEED KNTS DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.2	1.1	1.5	7	2	1	2	4					
NNE	1.1	1.3	2										
N-E	1.3	2.7											
ENE	1	1.3	3	2									
E	1	1	2	5	2								
ESE	2	4	2	2			2						
SE		1.1	8	1.6	1	4	5						
SSE	4	1	1.5	7	7		4	2					
S	1	1.1	1.5	7	4								
SSW	1.1	1.1	3										
SW	1	1.1	2										
WSW	1	1											
W	4	2	4										
WNW	4	2											
NW	5	3	2	4									
NNW	2	7	2	2	5								
VARBL													
CALM												4	

TOTAL NUMBER OF OBSERVATIONS 100

U.S. DEPARTMENT OF COMMERCE  
BUREAU OF MARINE SERVICE  
OFFICE OF MARINE SURVEILLANCE

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION NAME STATION NAME YEAR 1964 MONTH 12  
CLASS ALL WEATHER HOUR (L.S.T.) 0000  
CONDITION

SPEED KNOTS DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.0	0.7	0.7	0.5	0.5	0.7	0.2	0.1				0.9	1.2
NNE	1.0	1.0	0.1	0.5	0.5	0.5						0.4	1.4
NW	2.0	1.0	0.5	0.2								0.5	1.5
E	1.0	1.0	0.5	0.1		0.5						0.9	1.2
ESE	0.1	0.1	0.5	0.2	0.1	0.1	0.1					0.4	1.2
SE	0.4	0.5	1.0	1.0	0.9	0.7	0.1	0.1				1.1	1.4
SSE	0.7	1.0	1.0	0.7	0.7	0.7	0.1	0.2				1.2	1.4
S	0.0	2.0	0.5	1.0	0.7	0.2	0.2					1.2	1.4
SSW	1.0	0.5	1.0	0.6	0.1	0.1						0.8	1.4
SW	0.1	0.0	0.2	0.1								0.4	1.4
WSW	0.1	0.2	0.1	0.1								0.4	1.4
W	0.1	0.2	0.1	0.1								0.4	1.4
WNW	0.1	0.2	0.1	0.1								0.4	1.4
NW	0.1	0.1	0.1	0.2	0.1	0.1						0.4	1.4
NNW	0.1	0.1	0.1	0.1	0.1	0.1						0.4	1.4
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS 7

ALL DATA ARE FROM HOURLY OBSERVATIONS OF THIS FORM ARE PRESENT

# SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

STATION LAKE CHARLES, LA STATION NAME LAKE CHARLES YEARS 1955-56 MONTH ALL MONTHS

CLASS ALL MONTHS HOURS (L.S.T.) ALL MONTHS

CONDITION ALL MONTHS

SPEED KNTS	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
DIR													
N	2.7	1.1	1.4	1.1	1.4							1.1	1.1
NNE	1.2	1.1	1.4	1.1	1.1							1.1	1.1
NE	1.1	1.1	1.1	1.1	1.1							1.1	1.1
ENE	1.1	1.1	1.1	1.1	1.1							1.1	1.1
E	1.1	1.1	1.1	1.1	1.1							1.1	1.1
ESE	1.1	1.1	1.1	1.1	1.1							1.1	1.1
SE	1.1	1.1	1.1	1.1	1.1							1.1	1.1
SSE	1.1	1.1	1.1	1.1	1.1							1.1	1.1
S	1.1	1.1	1.1	1.1	1.1							1.1	1.1
SSW	1.1	1.1	1.1	1.1	1.1							1.1	1.1
SW	1.1	1.1	1.1	1.1	1.1							1.1	1.1
WSW	1.1	1.1	1.1	1.1	1.1							1.1	1.1
W	1.1	1.1	1.1	1.1	1.1							1.1	1.1
WNW	1.1	1.1	1.1	1.1	1.1							1.1	1.1
NW	1.1	1.1	1.1	1.1	1.1							1.1	1.1
NNW	1.1	1.1	1.1	1.1	1.1							1.1	1.1
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS 17

U.S. AIR FORCE  
 AIRCRAFT  
 AIRCRAFT

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

## SURFACE WINDS

STATION NAME AF 17 YEARS 73-51 MONTH

CLASS ALL AIR-EL HOURS 18-1

CONDITION

SPEED KNOTS OR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	0.0	1.0	0.7	0.6	0.6	0.3						0.0	0.2
NNE	1.0	1.0	0.7	0.7								0.0	0.2
NE	0.2	1.0	0.7	0.7								0.0	0.2
ENE	0.2	1.0	0.6	0.1								0.0	0.2
E	0.2	1.0	0.2	0.3								0.0	0.2
ESE	0.1	0.8	0.8	0.3	0.1							0.0	0.2
SE	0.1	0.8	1.1	0.4	0.3	0.1						0.0	0.2
SSE	0.2	0.8	1.1	0.4	0.1	0.1						0.0	0.2
S	0.4	1.0	0.5	0.2	0.7	0.1						0.0	0.2
SSE	0.3	1.1	0.6	0.1	0.1							0.0	0.2
SW	0.4	0.7	0.8	0.1								0.0	0.2
WSW	0.1	0.6										0.0	0.2
W	0.2	0.7	0.1	0.2								0.0	0.2
WNW	0.4	0.1	0.3	0.1								0.0	0.2
NW	0.2	0.4	0.1	0.3	0.1							0.0	0.2
NNW	0.2	0.3	0.4	0.3	0.1	0.4						0.0	0.2
VARBL												0.0	0.2
CALM												0.0	0.2
	1.0	1.5	0.5	0.5	0.2	0.1						0.0	0.2

TOTAL NUMBER OF OBSERVATIONS

U.S. DEPARTMENT OF COMMERCE  
BUREAU OF MARINE SERVICE  
OFFICE OF MARINE SURVEILLANCE

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

**SURFACE WINDS**

STATION NEW BEDFORD STATION NAME NEW BEDFORD YEARS 1951-52 MONTH ALL  
 CLASS ALL WEATHER MONTHS (1 to 12)  
 CONDITION

SPEED KNOTS DIR	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥ 56	MEAN WIND SPEED
N	0.2	0.7	0.7	0.1	0.1						
NNE	0.2	0.7	0.4	0.7							
NE	0.7	2.1	0.1	0.1							
ENE	0.1	1.1	0.7	0.1							
E	0.1	1.1	1.1	0.3							
ESE	0.3	0.1	0.1	0.1	0.1						
SE	0.1	1.2	0.1	0.2	0.1	0.1					
SSE	0.4	0.1	0.2	0.2	0.1	0.1					
S	0.1	0.1	1.4	1.6	0.7	0.1					
SSW	0.7	0.1	0.5	0.3							
SW	0.1	0.7	0.3	0.2							
WSW	0.1	0.4	0.1	0.1							
W	0.1	0.1	0.4								
WNN	0.1	0.1	0.4								
NW	0.1	0.1	0.3	0.3	0.5						
NNW	0.4	0.1	0.1	1.1							
VARBL											
CALM											

TOTAL NUMBER OF OBSERVATIONS 74

REMARKS: (1) WIND DIRECTION OBSERVED AT 10 MIN. INTERVALS  
 (2) WIND SPEED OBSERVED AT 10 MIN. INTERVALS  
 (3) WIND DIRECTION OBSERVED AT 10 MIN. INTERVALS  
 (4) WIND SPEED OBSERVED AT 10 MIN. INTERVALS  
 (5) WIND DIRECTION OBSERVED AT 10 MIN. INTERVALS  
 (6) WIND SPEED OBSERVED AT 10 MIN. INTERVALS  
 (7) WIND DIRECTION OBSERVED AT 10 MIN. INTERVALS  
 (8) WIND SPEED OBSERVED AT 10 MIN. INTERVALS  
 (9) WIND DIRECTION OBSERVED AT 10 MIN. INTERVALS  
 (10) WIND SPEED OBSERVED AT 10 MIN. INTERVALS  
 (11) WIND DIRECTION OBSERVED AT 10 MIN. INTERVALS  
 (12) WIND SPEED OBSERVED AT 10 MIN. INTERVALS  
 (13) WIND DIRECTION OBSERVED AT 10 MIN. INTERVALS  
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 (37) WIND DIRECTION OBSERVED AT 10 MIN. INTERVALS  
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 (42) WIND SPEED OBSERVED AT 10 MIN. INTERVALS  
 (43) WIND DIRECTION OBSERVED AT 10 MIN. INTERVALS  
 (44) WIND SPEED OBSERVED AT 10 MIN. INTERVALS  
 (45) WIND DIRECTION OBSERVED AT 10 MIN. INTERVALS  
 (46) WIND SPEED OBSERVED AT 10 MIN. INTERVALS  
 (47) WIND DIRECTION OBSERVED AT 10 MIN. INTERVALS  
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 (89) WIND DIRECTION OBSERVED AT 10 MIN. INTERVALS  
 (90) WIND SPEED OBSERVED AT 10 MIN. INTERVALS  
 (91) WIND DIRECTION OBSERVED AT 10 MIN. INTERVALS  
 (92) WIND SPEED OBSERVED AT 10 MIN. INTERVALS  
 (93) WIND DIRECTION OBSERVED AT 10 MIN. INTERVALS  
 (94) WIND SPEED OBSERVED AT 10 MIN. INTERVALS  
 (95) WIND DIRECTION OBSERVED AT 10 MIN. INTERVALS  
 (96) WIND SPEED OBSERVED AT 10 MIN. INTERVALS  
 (97) WIND DIRECTION OBSERVED AT 10 MIN. INTERVALS  
 (98) WIND SPEED OBSERVED AT 10 MIN. INTERVALS  
 (99) WIND DIRECTION OBSERVED AT 10 MIN. INTERVALS  
 (100) WIND SPEED OBSERVED AT 10 MIN. INTERVALS

ALL WEATHER STATION  
 1000 FT  
 1000 FT

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION NAME: DRYDEN, TEXAS YEARS: 1951-52 NORTH  
 CLASS: ALL WEATHER HOURS (LST):  
 CONDITION:

WIND DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-53	≥56	%	MEAN WIND SPEED
N	0.1	1.1	0.3	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
NNW	0.2	0.1	0.4	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
NW	0.1	0.1	0.4	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
ENE	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
E	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
ESE	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
SE	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
SSE	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
S	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
SSW	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
SW	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
WSW	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
W	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
WNW	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
NW	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
NNW	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
VARBL	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
CALM	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1

TOTAL NUMBER OF OBSERVATIONS: 1000

STATION NAME  
 LOCATION

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

## SURFACE WINDS

DATE: \_\_\_\_\_ YEAR: \_\_\_\_\_ MONTH: \_\_\_\_\_ DAY: \_\_\_\_\_

CLASS: \_\_\_\_\_

CONDITION: \_\_\_\_\_

TIME: \_\_\_\_\_

MOON: \_\_\_\_\_

WIND: \_\_\_\_\_

WAVE: \_\_\_\_\_

SEA: \_\_\_\_\_

SKY: \_\_\_\_\_

TEMP: \_\_\_\_\_

WIND: \_\_\_\_\_

WAVE: \_\_\_\_\_

SEA: \_\_\_\_\_

SKY: \_\_\_\_\_

TEMP: \_\_\_\_\_

WIND DIRECTION	3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	0.2	0.2	1.1	0.7	0.4	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
NNE	0.7	1.1	0.7	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
NE	1.1	1.2	0.7	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
ENE	0.7	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
E	1.1	0.1	1.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
ESE	0.7	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
SE	0.1	0.7	1.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
SSE	0.1	0.1	1.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
S	0.1	1.1	2.3	1.4	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
SSW	0.1	1.1	0.7	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
SW	1.1	0.1	1.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
WSW	0.7	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
W	0.1	0.7	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
WNW	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
NW	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
NNW	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
VARBL	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
CALM	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1

TOTAL NUMBER OF OBSERVATIONS

NOTE: ALL WINDS ARE REPORTED AS BEING FROM THE QUADRANT IN WHICH THE WIND IS MOST FREQUENT.

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

[illegible]

TOTAL NUMBER OF OBSERVATIONS

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED

# SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

		12	13-16	17-21	22-27	28-33	34-40	41-47	48-55	≥ 56	%	MEAN WIND SPEED
1												
2												
3												
4												
5												
6												
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TOTAL NUMBER OF OBSERVATIONS

# SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

STATION NAME STATION NAME YEARS 1951-1955 NORTH 100° 00' 00"

CLASS 1000 HOURS (L & T) 0000-2400

CONDITION 1000

WIND DIRECTION	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
NNE	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
NE	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
ENE	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
E	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
ESE	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
SE	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
SSE	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
S	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
SSW	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
SW	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
WSW	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
W	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
WNW	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
NW	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
NNW	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
Variable	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
Total	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1

TOTAL NUMBER OF OBSERVATIONS

WINDS OF FORCE 1 OR LESS ARE NOT OBSERVED

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

● ● ● ● ●

**Stacy A. Roth**

YEARS

NOTES

311 - ATN -

CLASS

HOUSES IN ST

CONDITION

	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
ALL	•	1 •	4 •	9 •	2 •						1.4	1.4
SW	•	1 •	•	•							1.4	1.4
SE	•	•	•	•							1.4	1.4
NE	•	•	•	•							1.4	1.4
E	•	•	•	•							1.4	1.4
EE	•	•	•	•							1.4	1.4
SE	•	•	•	•	•	•	•				1.4	1.4
SW	•	•	•	•	•	•	•				1.4	1.4
S	•	•	•	•	•	•	•				1.4	1.4
SSW	•	•	•	•	•	•	•				1.4	1.4
WSW	•	•	•	•	•	•	•				1.4	1.4
W	•	•	•	•	•	•	•				1.4	1.4
WNW	•	•	•	•	•	•	•				1.4	1.4
NW	•	•	•	•	•	•	•				1.4	1.4
NNW	•	•	•	•	•	•	•				1.4	1.4
N	•	•	•	•	•	•	•				1.4	1.4
NNE	•	•	•	•	•	•	•				1.4	1.4
ESE	•	•	•	•	•	•	•				1.4	1.4
ENE	•	•	•	•	•	•	•				1.4	1.4
E	•	•	•	•	•	•	•				1.4	1.4
ESE	•	•	•	•	•	•	•				1.4	1.4
ENE	•	•	•	•	•	•	•				1.4	1.4
E	•	•	•	•	•	•	•				1.4	1.4
ESE	•	•	•	•	•	•	•				1.4	1.4
ENE	•	•	•	•	•	•	•				1.4	1.4
E	•	•	•	•	•	•	•				1.4	1.4
ESE	•	•	•	•	•	•	•				1.4	1.4
ENE	•	•	•	•	•	•	•				1.4	1.4
E	•	•	•	•	•	•	•				1.4	1.4
ESE	•	•	•	•	•	•	•				1.4	1.4
ENE	•	•	•	•	•	•	•				1.4	1.4
E	•	•	•	•	•	•	•				1.4	1.4
ESE	•	•	•	•	•	•	•				1.4	1.4
ENE	•	•	•	•	•	•	•				1.4	1.4
E	•	•	•	•	•	•	•				1.4	1.4
ESE	•	•	•	•	•	•	•				1.4	1.4
ENE	•	•	•	•	•	•	•				1.4	1.4
E	•	•	•	•	•	•	•				1.4	1.4
ESE	•	•	•	•	•	•	•				1.4	1.4
ENE	•	•	•	•	•	•	•				1.4	1.4
E	•	•	•	•	•	•	•				1.4	1.4
ESE	•	•	•	•								

TOTAL NUMBER OF OBSERVATIONS

# SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

STATION SPRINGDALE AFB TX STATION NAME SPRINGDALE AFB TX YEARS 1954-55 MONTH ALL MONTHS

CLASS ALL MONTHS HOUR (L & T) ALL MONTHS

CONDITION ALL MONTHS

SPEED KNTS DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.2	1.1	1.7	2.7	7							1.1	1.1
NNE	1.2	1.3	1.5	2.1								1.1	1.1
NE	1.2	1.1	2									1.1	1.1
ENE	1.2	1.1	2									1.1	1.1
E	1.2	2.1	2	1								1.1	1.1
ESE	1.2	2	2	1								1.1	1.1
SE	1.2	7	1.3	5								1.1	1.1
SSE	1.2	1.3	1.3	4	1	1	1	1				1.1	1.1
S	1.2	1.3	2.2	2.3	1							1.1	1.1
SSW	1.2	1.3	2.2	2.3	2							1.1	1.1
SW	1.2	1	2	4	1							1.1	1.1
WSW	1.2	1	2	5								1.1	1.1
W	1.2	7	2									1.1	1.1
WNW	1.2	2	1									1.1	1.1
NW	1.2	1	1	1								1.1	1.1
NNW	1.2	1	1	1								1.1	1.1
VARBL	1.2	1	1	1	1	1	1	1	1	1	1	1.1	1.1
CALM	1.2	1	1	1	1	1	1	1	1	1	1	1.1	1.1

TOTAL NUMBER OF OBSERVATIONS

NOTE: ALL DATA ARE ESTIMATES. IF THIS FORM IS USED, THE DATA ARE NOT VALID.

STATION NAME  
 STATION NUMBER

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

## SURFACE WINDS

STATION NAME ALL-TEMPER YEAR 1950 MONTH NOV  
 CLASS ALL-TEMPER  
 CONDITION

WIND DIRECTION	2-4	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	0.1	0.1	0.4	0.1	0.1		0.1					0.1	1.1
NNE	0.1	0.1	0.1	0.1								0.1	1.1
NW	0.1	1.0	0.1	0.1								0.1	1.1
ESE	0.1	0.1	0.7		0.1							0.1	1.1
E	0.1	1.0	1.0									0.1	1.1
ESE	0.1	0.1	0.1	0.1								0.1	1.1
SE	0.1	0.1	0.1	0.1								0.1	1.1
SSE	0.1	0.1	1.0	0.4	0.1	0.1	0.1					0.1	1.1
S	0.1	1.0	0.1	1.0								0.1	1.1
SSW	0.1	1.0	1.0	1.0								0.1	1.1
SW	0.1	0.1	0.4	0.1								0.1	1.1
WSW	0.1	0.1	0.1									0.1	1.1
W	0.1	0.1										0.1	1.1
WNW	0.1	0.1		0.1								0.1	1.1
NW	0.1	0.1	0.1	0.1	0.1	0.1						0.1	1.1
NNW	0.1	0.1	0.1	0.1	0.1	0.1						0.1	1.1
ALL													
DATA													

TOTAL NUMBER OF OBSERVATIONS

NOTE: IF THE TOTAL NUMBER OF OBSERVATIONS IS NOT SPECIFIED, THE PERCENTAGES ARE BASED ON THE TOTAL NUMBER OF OBSERVATIONS.



U.S. AIR FORCE METEOROLOGICAL SERVICE  
 WIND DATA  
 WIND DATA

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION NAME: WINDY HILLS AFB, TX YEARS: 1961-1962 MONTH: ALL MONTHS

CLASS: ALL WEATHER HOURS (L.S.T.): 0000-2359

CONDITION:

SPEED KNT DIR	2	4-5	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	0	0	1.2	0	0	0	0	0	0	0	0	0	0.0
NNE	0	1.1	0	0	0	0	0	0	0	0	0	0	0.0
NE	0	0	0	0	0	0	0	0	0	0	0	0	0.0
ENE	0	0	1.7	0	0	0	0	0	0	0	0	0	0.0
E	0	0	0	0	0	0	0	0	0	0	0	0	0.0
ESE	1.1	1.4	0	0	0	0	0	0	0	0	0	0	0.0
SE	0	0	1.4	0	0	0	0	0	0	0	0	0	0.0
SSE	0	0	0	0	0	0	0	0	0	0	0	0	0.0
S	0	0	0	0	0	0	0	0	0	0	0	0	0.0
SSE	0	0	0	0	0	0	0	0	0	0	0	0	0.0
SW	0	0	0	0	0	0	0	0	0	0	0	0	0.0
WSW	0	0	0	0	0	0	0	0	0	0	0	0	0.0
W	0	0	0	0	0	0	0	0	0	0	0	0	0.0
WNW	0	0	0	0	0	0	0	0	0	0	0	0	0.0
NW	0	0	0	0	0	0	0	0	0	0	0	0	0.0
NNW	0	0	0	0	0	0	0	0	0	0	0	0	0.0
VARIABLE	0	0	0	0	0	0	0	0	0	0	0	0	0.0
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0.0

TOTAL NUMBER OF OBSERVATIONS

REMARKS: ALL DATA ARE IN U.S. STANDARD TIME (L.S.T.)

# SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

STATION SPRINGFIELD STATION NAME SPRINGFIELD YEARS 17-20 MONTH ALL  
CLASS ALL HOURS (L.S.T.) ALL  
CONDITION ALL

SPEED KNOTS D.R.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	0.0	1.0	2.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NNE	4.0	1.0	1.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NE	1.0	2.0	4.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ENE	4.0	3.0	1.0	2.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
E	3.0	1.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ESE	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SE	1.0	1.0	1.0	2.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SSE	0.0	1.0	1.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
S	1.0	3.0	2.0	2.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SSW	0.0	0.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SW	0.0	0.0	0.0	4.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WSW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
W	0.0	1.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WNW	0.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NW	0.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NNW	0.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Variable	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Calm	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL	0.0	0.0	7.0	7.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TOTAL NUMBER OF OBSERVATIONS

U.S. AIR FORCE  
 WEATHER SERVICE  
 WIND DATA

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION: WINDRECON, APO SAN STATION NAME: 77-21 YEARS: ALL  
 CLASS: ALL HOURS: ALL  
 FUNDING:

SPEED KNT DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	MEAN WIND SPEED
N	2.7	0.7	1.1	1.7	0.5			2.7				1.7
NNE	0.7	1.0	1.1	0.7								1.0
NE	0.7	2.5	0.5	0.7								1.0
ENE	0.7	2.7	0.6									1.0
E	1.7	1.7	1.5	0.7								1.0
ESE	0.7	0.7	0.5	0.7								1.0
SE	0.7	1.0	0.5	0.7	0.5							1.0
SSE	0.7	1.4	1.2	0.7								1.0
S	1.1	1.0	0.5	0.5	0.5							1.0
SSW	0.7	1.0	0.5	0.5	0.5							1.0
SW	0.7	0.7	0.5									1.0
WSW	0.7	0.7	0.5									1.0
W	0.7	0.7	0.5	0.5								1.0
WNW	0.7	0.5	0.5									1.0
NW	0.7	0.5	0.5	0.5								1.0
NNW	0.7	0.5	1.2	1.0	0.5							1.0
VARBL												
CALM												

TOTAL NUMBER OF OBSERVATIONS

U.S. AIR FORCE WEATHER SERVICE WIND DATA

# SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

STATION NAME ALL RIVER YEARS 20-21 MONTH

CLAS  HOURS (LST)

CONDITION

WIND DIR	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.1	1.2	1.9	1.1							1.1	
NNE	1.1	1.1	1.1	1.1							1.1	
NE	1.1	1.1	1.1	1.1							1.1	
ENE	1.1	1.1	1.1	1.1							1.1	
E	1.1	1.1	1.1	1.1							1.1	
ESE	1.1	1.1	1.1	1.1							1.1	
SE	1.1	1.1	1.1	1.1							1.1	
SSE	1.1	1.1	1.1	1.1							1.1	
S	1.1	1.1	1.1	1.1							1.1	
SSW	1.1	1.1	1.1	1.1							1.1	
SW	1.1	1.1	1.1	1.1							1.1	
WSW	1.1	1.1	1.1	1.1							1.1	
W	1.1	1.1	1.1	1.1							1.1	
WNW	1.1	1.1	1.1	1.1							1.1	
NW	1.1	1.1	1.1	1.1							1.1	
NNW	1.1	1.1	1.1	1.1							1.1	
VARBL												
CALM												

TOTAL NUMBER OF OBSERVATIONS

ALL DATA ARE FROM 1900 TO 1900 HOURS UNLESS OTHERWISE SPECIFIED

STATION: ...  
 DATE: ...  
 LOCATION: ...

# SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

STATION: ... STATION NAME: ... YEARS: ... MONTH: ...  
 CLASS: ALL WEATHER  
 CONDITION: ...

WIND DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥ 56	MEAN WIND SPEED
N	...	...	...	...	...	...	...	...	...	...	...	...
NE	...	...	...	...	...	...	...	...	...	...	...	...
E	...	...	...	...	...	...	...	...	...	...	...	...
SE	...	...	...	...	...	...	...	...	...	...	...	...
S	...	...	...	...	...	...	...	...	...	...	...	...
SW	...	...	...	...	...	...	...	...	...	...	...	...
WSW	...	...	...	...	...	...	...	...	...	...	...	...
W	...	...	...	...	...	...	...	...	...	...	...	...
WNW	...	...	...	...	...	...	...	...	...	...	...	...
NW	...	...	...	...	...	...	...	...	...	...	...	...
NNW	...	...	...	...	...	...	...	...	...	...	...	...
VARBL	...	...	...	...	...	...	...	...	...	...	...	...
CALM	...	...	...	...	...	...	...	...	...	...	...	...

TOTAL NUMBER OF OBSERVATIONS: ...

ALL DATA ARE BASED ON ...

# SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

STATION NO. 10 REV. 10-1-58 72-5 YEARS 10 MONTH 10

CLASS ALL WEATHER HOURS (L.S.T.) 0000-2359

CONDITION ALL WEATHER

WIND DIR.	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥ 56	%	MEAN WIND SPEED
N	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
NNE	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
N-E	4.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
ENE	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
E	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
ESE	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
E	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
SSE	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
S	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
SSW	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
SW	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
WSW	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
W	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
WNW	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
NW	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
NNW	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
VARBL	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
CALM	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

TOTAL NUMBER OF OBSERVATIONS

ALL WINDS ARE OBSERVED

STATION NAME  
 DATE  
 TIME

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

## SURFACE WINDS

STATION NAME AF 100 YEAR 1951 MONTH ALL

CLASS ALL HOUR ALL

CONDITION

WIND DIR	1-3	4-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	MEAN WIND SPEED
N		1.0	1.0	1.0	1.0						1.0
NNE		1.0	1.0	1.0	1.0						1.0
NW		1.0	1.0	1.0	1.0						1.0
ESE		1.0	1.0	1.0	1.0						1.0
E		1.0	1.0	1.0	1.0						1.0
ESE		1.0	1.0	1.0	1.0						1.0
SE		1.0	1.0	1.0	1.0						1.0
SSE		1.0	1.0	1.0	1.0						1.0
S		1.0	1.0	1.0	1.0						1.0
SSE		1.0	1.0	1.0	1.0						1.0
SW		1.0	1.0	1.0	1.0						1.0
WSW		1.0	1.0	1.0	1.0						1.0
W		1.0	1.0	1.0	1.0						1.0
WSW		1.0	1.0	1.0	1.0						1.0
NW		1.0	1.0	1.0	1.0						1.0
WNW		1.0	1.0	1.0	1.0						1.0
W		1.0	1.0	1.0	1.0						1.0
WNW		1.0	1.0	1.0	1.0						1.0
ALL											

TOTAL NUMBER OF OBSERVATIONS

REMARKS: (If any, state here the conditions under which the observations were made.)





# SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

STATION

STATION NAME

YEARS

NORTH

CLASS

HOURS (L.S.T.)

CONDITION

SPEED AND DIR.	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	0	1	1	1	1	1	1	1	1	1	1	1
NNE	1	1	1	1	1	1	1	1	1	1	1	1
NE	1	1	1	1	1	1	1	1	1	1	1	1
ENE	1	1	1	1	1	1	1	1	1	1	1	1
E	1	1	1	1	1	1	1	1	1	1	1	1
ESE	1	1	1	1	1	1	1	1	1	1	1	1
S	1	1	1	1	1	1	1	1	1	1	1	1
SSE	1	1	1	1	1	1	1	1	1	1	1	1
SW	1	1	1	1	1	1	1	1	1	1	1	1
WSW	1	1	1	1	1	1	1	1	1	1	1	1
W	1	1	1	1	1	1	1	1	1	1	1	1
WNW	1	1	1	1	1	1	1	1	1	1	1	1
NW	1	1	1	1	1	1	1	1	1	1	1	1
NNW	1	1	1	1	1	1	1	1	1	1	1	1
NNE	1	1	1	1	1	1	1	1	1	1	1	1
ENE	1	1	1	1	1	1	1	1	1	1	1	1
ESE	1	1	1	1	1	1	1	1	1	1	1	1
SSE	1	1	1	1	1	1	1	1	1	1	1	1
WSW	1	1	1	1	1	1	1	1	1	1	1	1
WNW	1	1	1	1	1	1	1	1	1	1	1	1
ALL	1	1	1	1	1	1	1	1	1	1	1	1
ALL	1	1	1	1	1	1	1	1	1	1	1	1

TOTAL NUMBER OF OBSERVATIONS

NOTE: THE FOLLOWING DIRECTIONS ARE IN DEGREES

U.S. DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
NOAA

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION NAME: APR 1943 - SEP 1943 STATION NAME: ALL WATERS YEARS: 1943-1944 MONTH: ALL MONTHS  
CLASS: ALL WATERS HOURS (LST): ALL HOURS  
CONDITION: ALL CONDITIONS

WIND DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	MEAN WIND SPEED
N	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NNE	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
N-E	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ENE	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
E	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ESE	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SE	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SSE	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
S	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SSE	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SW	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WSW	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
W	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WNW	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NW	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NNW	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
VARBL	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ADM	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TOTAL NUMBER OF OBSERVATIONS

THIS FORM IS PREPARED BY THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION, U.S. DEPARTMENT OF COMMERCE

# SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

STATION FAIRBANKS, ALASKA STATION NAME FAIRBANKS YEARS 1971-1972 MONTH ALL MONTHS  
CLASS ALL HOURS ALL  
CONDITION ALL

SPEED KNOTS DIR	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	MEAN WIND SPEED
N	1.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
NNE	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
NF	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
ENE	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
E	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
ESE	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
SE	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
SSE	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
S	1.0	4.1	3.3	1.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0
SSW	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
SW	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
WSW	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
W	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
WNW	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
NW	1.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
NNW	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
VAZEL	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
A.M.	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

TOTAL NUMBER OF OBSERVATIONS

NOTES: 1. AM - ALL MONTHS. 2. VAZEL - VARIATIONS OF THIS FORM ARE OBSOLETE.

U.S. DEPARTMENT OF COMMERCE  
 NATIONAL MARINE FISHERIES SERVICE  
 OFFICE OF MARINE RESEARCH

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 0217100 STATION NAME 0217100 YEAR 1967 MONTH 11  
 CLASS ALL HOURS 12-17  
 CONDITION ALL

SPEED KNOTS	1-2	4-5	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥ 56	MEAN WIND SPEED
N	1	1	1	1	1							1.0
NNE	1	1	1	1	1							1.0
NE	1	1	1	1	1							1.0
ENE	1	1	1	1	1							1.0
E	1	1	1	1	1							1.0
ESE	1	1	1	1	1							1.0
SE	1	1	1	1	1							1.0
SSE	1	1	1	1	1							1.0
S	1	1	1	1	1							1.0
SSW	1	1	1	1	1							1.0
SW	1	1	1	1	1							1.0
WSW	1	1	1	1	1							1.0
W	1	1	1	1	1							1.0
WNW	1	1	1	1	1							1.0
NW	1	1	1	1	1							1.0
NNW	1	1	1	1	1							1.0
VARIE												
CALM												

TOTAL NUMBER OF OBSERVATIONS

# SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

STATION USAF-RESEARCH AIRFIELD STATION NAME RESEARCH YEARS 1950-51 MONTH ALL  
CLASS ALL WEATHER HOURS (L & T) ALL  
CONDITION ALL

SPEED KNT DIR	3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.0	1.0	2.2	1.1	1.0	1.0						7.0	1.0
NNE	1.0	1.0	1.0	1.0	1.0							1.0	1.0
NE	1.0	1.0	1.0	1.0	1.0							1.0	1.0
ENE	1.0	1.0	1.0	1.0	1.0							1.0	1.0
E	1.0	1.0	1.0	1.0	1.0							1.0	1.0
ESE	1.0	1.0	1.0	1.0	1.0							1.0	1.0
SE	1.0	1.0	1.0	1.0	1.0							1.0	1.0
SSE	1.0	1.0	1.0	1.0	1.0							1.0	1.0
S	1.0	1.0	1.0	1.0	1.0							1.0	1.0
SSW	1.0	1.0	1.0	1.0	1.0							1.0	1.0
SW	1.0	1.0	1.0	1.0	1.0							1.0	1.0
WSW	1.0	1.0	1.0	1.0	1.0							1.0	1.0
W	1.0	1.0	1.0	1.0	1.0							1.0	1.0
WNW	1.0	1.0	1.0	1.0	1.0							1.0	1.0
NW	1.0	1.0	1.0	1.0	1.0							1.0	1.0
NNW	1.0	1.0	1.0	1.0	1.0							1.0	1.0
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

U.S. DEPARTMENT OF COMMERCE  
BUREAU OF MARINE SERVICE  
OFFICE OF NAUTICAL INFORMATION

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

## SURFACE WINDS

STATION NAME STATION NAME YEARS 72-82 MONTH ALL  
 CLASS ALL WEATHER  
 CONDITION ALL WEATHER  
 HOURS ALL

WIND DIRECTION	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
N-E													
ENE													
E													
ESE													
SE													
SSE													
S													
SSE													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS 72

U.S. DEPARTMENT OF COMMERCE, BUREAU OF MARINE SERVICE, OFFICE OF NAUTICAL INFORMATION

# SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

STATION 111 STATION NAME 111 YEARS 1950-51 NORTH 111  
CLASS 111 HOURS (L.S.T.) 111  
CONDITION 111

WIND DIRECTION	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
NNE	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
NE	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
ENE	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
E	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
ESE	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
S	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
SSE	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
SW	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
WSW	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
W	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
WNW	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
NW	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
NNW	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
VARIABLE	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
ALL	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1

TOTAL NUMBER OF OBSERVATIONS 111

NOTE: ALL WINDS ARE REPORTED IN THIS FORM ARE OBSERVED

U.S. NATIONAL CLIMATOLOGICAL DATA  
 OFFICE OF CLIMATE MONITORING  
 1215 AVENUE OF THE SCIENCES  
 SUITE 1000  
 ROCKVILLE, MARYLAND 20850

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION: SPA-REVOLVING AIRPORT CLASS: ALL WEATHER YEARS: 1977-1980 MONTH: NORTH  
 HOURS: 12-1

SPEED KNOTS DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	0.0	1.0	1.0	1.0	1.0							0.4	1.0
NNE	1.0	1.0	1.0	1.0	1.0							0.4	1.0
NF	1.0	1.0	1.0	1.0	1.0							0.4	1.0
ENE	1.0	1.0	1.0	1.0	1.0							0.4	1.0
E	1.0	1.0	1.0	1.0	1.0							0.4	1.0
ESE	1.0	1.0	1.0	1.0	1.0							0.4	1.0
SE	1.0	1.0	1.0	1.0	1.0							0.4	1.0
SSE	1.0	1.0	1.0	1.0	1.0							0.4	1.0
S	1.0	1.0	1.0	1.0	1.0							0.4	1.0
SSW	1.0	1.0	1.0	1.0	1.0							0.4	1.0
SW	1.0	1.0	1.0	1.0	1.0							0.4	1.0
WSW	1.0	1.0	1.0	1.0	1.0							0.4	1.0
W	1.0	1.0	1.0	1.0	1.0							0.4	1.0
WNW	1.0	1.0	1.0	1.0	1.0							0.4	1.0
NW	1.0	1.0	1.0	1.0	1.0							0.4	1.0
NNW	1.0	1.0	1.0	1.0	1.0							0.4	1.0
VARBL													
A.M.													

TOTAL NUMBER OF OBSERVATIONS

# SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

STATION JP NEW DAN AREA STATION NAME NEW DAN AREA YEARS 1951-1952 MONTH ALL  
CLASS ALL OTHER OTHER  
CONDITION ALL OTHER OTHER  
HOURS (L & T) ALL

SPEED KNT DIR	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	0.1	2.1	2.1	1.1							2.1	1.1
NNE	0.1	1.1	1.1	1.1							1.1	1.1
NE	1.1	1.1	1.1	1.1							1.1	1.1
ENE	1.1	1.1	1.1	1.1							1.1	1.1
E	1.1	1.1	1.1	1.1							1.1	1.1
ESE	1.4	1.1	1.1	1.1							1.1	1.1
SE	1.1	1.1	1.1	1.1	1.1						1.1	1.1
SSE	1.1	1.1	1.1	1.1	1.1						1.1	1.1
S	1.1	1.1	1.1	1.1	1.1						1.1	1.1
SSW	1.1	1.1	1.1	1.1	1.1						1.1	1.1
SW	1.1	1.1	1.1	1.1	1.1						1.1	1.1
WSW	1.1	1.1	1.1	1.1	1.1						1.1	1.1
W	1.1	1.1	1.1	1.1	1.1						1.1	1.1
WNW	1.1	1.1	1.1	1.1	1.1						1.1	1.1
NW	1.1	1.1	1.1	1.1	1.1						1.1	1.1
NNW	1.1	1.1	1.1	1.1	1.1						1.1	1.1
VARPL												
TALM												

TOTAL NUMBER OF OBSERVATIONS

NOTE: ALL DATA ARE OBSERVATIONS OF THIS FORM ARE OBSERVED

UNITED STATES NAVY  
 OFFICE OF THE SECRETARY  
 WASHINGTON, D. C. 20340

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

## SURFACE WINDS

STATION NAME \_\_\_\_\_ STATION NUMBER \_\_\_\_\_ YEARS \_\_\_\_\_ MONTH \_\_\_\_\_

DATE \_\_\_\_\_ CLASS \_\_\_\_\_ HOURS (LST) \_\_\_\_\_

CONDITION \_\_\_\_\_

WIND DIRECTION	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.0	2.4	1.7	1.1							1.1	1.1
NNE	1.0	1.0	1.1	1.1							1.1	1.1
N-E	1.0	1.0	1.1	1.1							1.1	1.1
E	1.0	1.0	1.1	1.1							1.1	1.1
E-SE	1.0	1.0	1.1	1.1							1.1	1.1
SE	1.0	1.0	1.1	1.1							1.1	1.1
SSE	1.0	1.0	1.1	1.1							1.1	1.1
S	1.0	1.0	1.1	1.1							1.1	1.1
SSW	1.0	1.0	1.1	1.1							1.1	1.1
SW	1.0	1.0	1.1	1.1							1.1	1.1
WSW	1.0	1.0	1.1	1.1							1.1	1.1
W	1.0	1.0	1.1	1.1							1.1	1.1
WNW	1.0	1.0	1.1	1.1							1.1	1.1
NW	1.0	1.0	1.1	1.1							1.1	1.1
NNW	1.0	1.0	1.1	1.1							1.1	1.1
VARBL	1.0	1.0	1.1	1.1							1.1	1.1
CALM												
TOTAL	7.0	12.5	1.9	1.1								

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_

NOTE: WINDS OF FORCE 1 OR LESS ARE OBSOLETE

# SURFACE WINDS

PERCENT FREQUENCY OF WIND  
DIRECTION AND SPEED  
FROM HOURLY OBSERVATIONS.

STATION NAME \_\_\_\_\_ LOCATION \_\_\_\_\_  
 DATE \_\_\_\_\_ YEAR \_\_\_\_\_ MONTH \_\_\_\_\_  
 CLASS \_\_\_\_\_ HOURS (L & T) \_\_\_\_\_  
 LOCATION \_\_\_\_\_

WIND DIR	1-5	6-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	51-55	≥ 56	MEAN WIND SPEED
N	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
NNE	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
NW	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
ENE	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
E	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
ESE	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
SSE	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
S	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
SSW	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
SW	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
WSW	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
W	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
WNW	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
NW	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
NNW	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
VARBL	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
CALM	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

TOTAL NUMBER OF OBSERVATIONS

ALL DATA FROM THIS FORM ARE OBSOLETE

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

[illegible]

TOTAL NUMBER OF OBSERVATIONS

# SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

STATION SPRINGER LAKE STATE NEB COUNTY ADAMS YEARS 1971-72 MONTH ALL

CLASS ALL HOURS (L & T) ALL

CONDITION ALL

WIND DIRECTION	4 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.1	1.1	1.2	1.2					1.2	1.2
NNE	1.1	1.1	1.1	1.1	1.1					1.1	1.1
NW	1.1	1.1	1.1	1.1	1.1					1.1	1.1
ENE	1.1	1.1	1.1	1.1	1.1					1.1	1.1
E	1.1	1.1	1.1	1.1	1.1					1.1	1.1
ESE	1.1	1.1	1.1	1.1	1.1					1.1	1.1
SE	1.1	1.1	1.1	1.1	1.1					1.1	1.1
SSE	1.1	1.1	1.1	1.1	1.1					1.1	1.1
S	1.1	1.1	1.1	1.1	1.1					1.1	1.1
SSW	1.1	1.1	1.1	1.1	1.1					1.1	1.1
SW	1.1	1.1	1.1	1.1	1.1					1.1	1.1
WSW	1.1	1.1	1.1	1.1	1.1					1.1	1.1
W	1.1	1.1	1.1	1.1	1.1					1.1	1.1
WNW	1.1	1.1	1.1	1.1	1.1					1.1	1.1
NW	1.1	1.1	1.1	1.1	1.1					1.1	1.1
NNW	1.1	1.1	1.1	1.1	1.1					1.1	1.1
ALL	1.1	1.1	1.1	1.1	1.1					1.1	1.1

TOTAL NUMBER OF OBSERVATIONS

NOTE: PERCENTAGES ARE BASED ON THE TOTAL NUMBER OF OBSERVATIONS





STATION NAME  
 DATE OF OBSERVATION

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION NAME \_\_\_\_\_ YEARS \_\_\_\_\_ MONTH \_\_\_\_\_  
 CLASS \_\_\_\_\_ HOURS (L.S.T.) \_\_\_\_\_  
 CONDITION \_\_\_\_\_

WIND DIRECTION	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1	1	1	1	1							1	1
NNE	1	1	1	1	1							1	1
NW	1	1	1	1	1							1	1
E	1	1	1	1	1							1	1
ENE	1	1	1	1	1							1	1
ESE	1	1	1	1	1							1	1
SE	1	1	1	1	1							1	1
SSE	1	1	1	1	1							1	1
S	1	1	1	1	1							1	1
SSW	1	1	1	1	1							1	1
SW	1	1	1	1	1							1	1
WSW	1	1	1	1	1							1	1
W	1	1	1	1	1							1	1
WNW	1	1	1	1	1							1	1
NW	1	1	1	1	1							1	1
NNW	1	1	1	1	1							1	1
VARIABLE	1	1	1	1	1							1	1
TOTAL	1	1	1	1	1							1	1

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_

STATION NAME \_\_\_\_\_ DATE OF OBSERVATION \_\_\_\_\_

# SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

STATION 1000000 NAME 1000000 YEARS 1000000 MONTH 1000000 NORTH 1000000

CLASS 1000000 HOURS (L & T) 1000000

CONDITION 1000000

SPEED KNOTS OR	2-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VAR													
ALL													

TOTAL NUMBER OF OBSERVATIONS 1000000

NAME OF STATION  
 LOCATION  
 DATE

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

## SURFACE WINDS

STATION NAME \_\_\_\_\_ YEARS \_\_\_\_\_  
 CLASS \_\_\_\_\_  
 CONDITION \_\_\_\_\_  
 NORTH  
 HOURS (L E T) \_\_\_\_\_

WIND DIRECTION	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.2	2.1	3.6	1.5								0.4	1.2
NNE	1.1	1.8	2.7	1.4								0.3	1.1
NW	1.0	1.7	2.6	1.3								0.3	1.0
ENE	1.0	1.7	2.6	1.3								0.3	1.0
E	1.0	1.7	2.6	1.3								0.3	1.0
ESE	1.0	1.7	2.6	1.3								0.3	1.0
SE	1.0	1.7	2.6	1.3								0.3	1.0
SSE	1.0	1.7	2.6	1.3								0.3	1.0
S	1.0	1.7	2.6	1.3								0.3	1.0
SSW	1.0	1.7	2.6	1.3								0.3	1.0
SW	1.0	1.7	2.6	1.3								0.3	1.0
WSW	1.0	1.7	2.6	1.3								0.3	1.0
W	1.0	1.7	2.6	1.3								0.3	1.0
WNW	1.0	1.7	2.6	1.3								0.3	1.0
NW	1.0	1.7	2.6	1.3								0.3	1.0
NNW	1.0	1.7	2.6	1.3								0.3	1.0
VARBL	1.0	1.7	2.6	1.3								0.3	1.0
CALM	1.0	1.7	2.6	1.3								0.3	1.0

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_

PREPARED BY \_\_\_\_\_  
 DATE \_\_\_\_\_

# SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

STATION NAME DAWSON AFB TX YEARS 73-8 MON 4  
CLASS ALL STATES HOURS (LST) -  
CONDITION -

SPEED KNTS DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥ 56	%	MEAN WIND SPEED
N	1.7	4.5	2.2	.4	.3							.8	.4
NNE	.5	1.2	.2	.1								.8	.4
NE	.2	.2	.5	.3								.8	.4
ENE	.2	.3	1.1	.1								.8	.4
E	1.2	.1	.3									.8	.4
ESE	.2	.2	.1	.1								.8	.4
SE	.4	.2	1.1	.1								.8	.4
SSE	1.2	.2	.4	.3	.1							.8	.4
S	1.6	4.5	7.2	2.2	.3							11.4	.4
SSW	1.2	3.5	5.2	1.3								11.4	.4
SW	1.4	4.5	2.2	.1								.8	.4
WSW	1.2	2.2	1.4	.3								.8	.4
W	1.3	2.2	.2	.2	.1							.8	.4
WNW	1.2	1.5	1.2									.8	.4
NW	1.4	3.5	2.3	.2								.8	.4
NNW	.2	2.7	3.7	.4	.3							.8	.4
VARBL													
CALM												1.0	

TOTAL NUMBER OF OBSERVATIONS 7

U.S. DEPARTMENT OF COMMERCE  
NATIONAL WEATHER SERVICE  
WIND DATA

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION: UPPER MERIDIAN STATION NAME: 73-1 YEARS: 1951-1952 MONTH: ALL MONTHS  
CLASS: ALL MONTHS HOURS (L.S.T.): ALL  
CONDITION: ALL

SPEED KNOTS D.R.	4-7	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.0	4.1	1.4								1.0	1.0
NNE	1.0	1.0	1.0								1.0	1.0
N-E	1.0	1.0	1.0								1.0	1.0
ENE	1.0	1.0	1.0								1.0	1.0
E	1.0	1.0	1.0								1.0	1.0
ESE	1.0	1.0	1.0								1.0	1.0
SE	1.0	1.0	1.0								1.0	1.0
SSE	1.0	1.0	1.0								1.0	1.0
S	1.0	1.0	1.0								1.0	1.0
SSW	1.0	1.0	1.0								1.0	1.0
SW	1.0	1.0	1.0								1.0	1.0
WSW	1.0	1.0	1.0								1.0	1.0
W	1.0	1.0	1.0								1.0	1.0
WNW	1.0	1.0	1.0								1.0	1.0
NW	1.0	1.0	1.0								1.0	1.0
NNW	1.0	1.0	1.0								1.0	1.0
VARBL												
CALM												
	1.4	3.6	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4

TOTAL NUMBER OF OBSERVATIONS

U.S. DEPARTMENT OF COMMERCE  
BUREAU OF MARINE SERVICE  
OFFICE OF MARINE SURVEILLANCE

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 100-100-100 STATION NAME 100-100-100 YEARS 100-100-100 MONTH 100-100-100

CLASS 100-100-100 HOURS (L & T) 100-100-100

CONDITION 100-100-100

SPEED KNT. DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.1	3.1	2.7	.4									
NNE	1.1	.1	.1										
NE	1.1	.1	.1										
ENE	1.1	.1	.1										
E	1.1	.1	.1										
ESE	1.1	.1	.1										
SE	1.1	.1	.1										
SSE	1.1	.1	.1										
S	1.1	3.1	5.7	1.4									
SSW	2.1	3.1	7.1	1.5									
SW	1.7	2.7	3.4	.4									
WSW	1.1	1.1	.3	.2									
W	1.1	1.1	.6										
WNW	1.1	1.5	.2										
NW	.1	2.1	1.1	.2									
NNW	1.1	2.1	3.4	.8									
VARPL													
CALM													
TOTAL	3.1	3.1	7.6	.6									

TOTAL NUMBER OF OBSERVATIONS 100-100-100

U.S. NAVAL OCEANOGRAPHIC SURVEILLANCE  
 OFFICE  
 1600 SOUTH G STREET, ARLINGTON, VIRGINIA 22204

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 01 40 00 N 115 10 W STATION NAME 77, 78-01 YEARS 1 MONTH 1  
 CLASS ALL WEATHER HOURS 1, 2, 3  
 CONDITION

DIR	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.0	2.0	0.7							0.5	0.5
NNE	0.0	0.0									0.0	0.0
NNE	0.0	0.0									0.0	0.0
NNE	0.0	0.0									0.0	0.0
E	0.0	0.0									0.0	0.0
ESE	0.0	0.0									0.0	0.0
ESE	0.0	0.0									0.0	0.0
ESE	0.0	0.0									0.0	0.0
S	1.0	5.0	2.0	0.4	0.2						1.0	0.5
SSE	0.1	4.0	2.0	0.4							0.5	0.5
SSE	0.0	2.0	1.0								0.5	0.5
SSE	0.0	1.0									0.5	0.5
W	0.0	0.0									0.0	0.0
WNW	0.0	0.0									0.0	0.0
WNW	0.0	0.0									0.0	0.0
WNW	0.0	0.0									0.0	0.0
NW	0.0	2.0	0.7	0.2							0.5	0.5
NNW	0.0	1.0	0.7	0.2							0.5	0.5
VARBL												
ALL												

TOTAL NUMBER OF OBSERVATIONS

# SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

STATION NAME STATION NAME YEARS 1951-1952 MONTH ALL MONTHS

CLASS ALL MONTHS HOURS (L.S.T.) 0000-2300

CONDITION ALL MONTHS

SPEED KNT. DIR	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥ 56	%	MEAN WIND SPEED
N	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
NNE	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
NE	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
ENE	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
E	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
ESE	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
S	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
SSE	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
SW	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
WSW	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
W	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
WNW	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
NW	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
NNW	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
CALM	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1

TOTAL NUMBER OF OBSERVATIONS



# SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

STATION NAME STATION NAME YEARS 1950-1959 MONTH ALL MONTHS  
CLASS ALL MONTHS  
CONDITION ALL MONTHS  
MOUSE (L S T)

SPEED KNT DIR	4-5	6-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.0	1.0	1.0	1.0								
NNE	1.0	1.0	1.0									
NE	1.0	1.0										
ENE	1.0	1.0										
E	1.0											
ESE												
S	1.0	1.0	1.0	1.0								
SSE	1.0	1.0	1.0	1.0								
SW	1.0	1.0	1.0	1.0	1.0							
WSW	1.0	1.0	1.0	1.0	1.0							
W	1.0	1.0	1.0	1.0	1.0							
WNW	1.0	1.0	1.0	1.0	1.0							
NW	1.0	1.0	1.0	1.0	1.0							
NNW	1.0	1.0	1.0	1.0	1.0							
CALM												

TOTAL NUMBER OF OBSERVATIONS

REMARKS: THE FOLLOWING CONDITIONS OF THIS FORM ARE OBSOLETE

STATION NAME  
 DATE  
 TIME

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

## SURFACE WINDS

STATION NAME LEAKEVILLE, MISSISSIPPI YEARS 1950-51 MONTH ALL MONTHS

CLASS ALL WEATHER HOURS (L.S.T.) 0000-2359

CONDITION ALL

WIND DIRECTION	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 -	≥ 56	%	MEAN WIND SPEED
N	1	3	4								1.1	1.1
NNE	1	1									0.2	0.2
NNE	1	1									0.2	0.2
ENE	1	1									0.2	0.2
E	1	1									0.2	0.2
ESE	1	1									0.2	0.2
SE	1	1									0.2	0.2
SSE	1	1									0.2	0.2
S	1	1	1	1							0.4	0.4
SSW	1	1	1	1							0.4	0.4
SW	1	1	1	1							0.4	0.4
WSW	1	1	1	1							0.4	0.4
W	1	1	1	1							0.4	0.4
WNW	1	1	1	1							0.4	0.4
NW	1	1	1	1							0.4	0.4
NNW	1	1	1	1							0.4	0.4
VARBL												
CALM												
TOTAL	16	16	16	16	16	16	16	16	16	16	16	16

TOTAL NUMBER OF OBSERVATIONS

# SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

STATION 12-0110000-01 STATION NAME AL-10 YEARS 1951-1952 NORTH 000  
CLASS AL-10 HOURS (L & Y) 0000  
CONDITION 0000

DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.1	2.4	1.1	1.1								7.1	1.1
NNE	1.1	1.1	1.1									1.1	1.1
NE	1.1	1.1										1.1	1.1
ENE	1.1	1.1										1.1	1.1
E	1.1	1.1	1.1									1.1	1.1
ESE	1.1	1.1	1.1									1.1	1.1
S	1.1	1.1	1.1	1.1								1.1	1.1
SSE	1.1	1.1	1.1	1.1								1.1	1.1
S	1.1	1.1	1.1	1.1								1.1	1.1
SSW	1.1	1.1	1.1	1.1								1.1	1.1
SW	1.1	1.1	1.1	1.1								1.1	1.1
WSW	1.1	1.1	1.1	1.1								1.1	1.1
W	1.1	1.1	1.1	1.1								1.1	1.1
WNW	1.1	1.1	1.1	1.1								1.1	1.1
NW	1.1	1.1	1.1	1.1								1.1	1.1
NNW	1.1	1.1	1.1	1.1								1.1	1.1
VAR	1.1	1.1	1.1	1.1								1.1	1.1
CALM	1.1	1.1	1.1	1.1								1.1	1.1

TOTAL NUMBER OF OBSERVATIONS

ALL DATA ARE FROM HOURLY OBSERVATIONS. IF THIS FORM IS USED, THE DATA ARE UNRELIABLE.

AD-A128 119

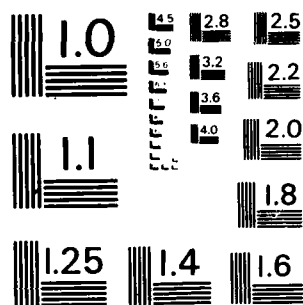
SPARREVOHN AFS ALASKA REVISED UNIFORM SUMMARY OF  
SURFACE WEATHER OBSERVAT..(U) AIR FORCE ENVIRONMENTAL  
TECHNICAL APPLICATIONS CENTER SCOTT A.. MAR 83  
USAFETAC/DS-83/005 SBI-AD-E850 389 F/G 4/2

UNCLASSIFIED

F/G 4/2

NL

215



MICROCOPY RESOLUTION TEST CHART  
NATIONAL BUREAU OF STANDARDS - 1963 - A

JOINT METEOROLOGICAL BRANCH  
AFETAC  
WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION SPAFELVON AFS AF YEARS 73-84 NORTH 0

CLASS ALL WEATHER

CONDITION \_\_\_\_\_

HOUS (L & T) \_\_\_\_\_

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.4	3.0	3.4	.5								2.0	1.0
NNE	1.7	1.4	.7									2.2	1.0
NE	1.0	.4										2.0	1.0
ENE	.4		.1									2.0	1.0
E	.0	.2	.3	.1								1.0	1.0
ESE	.9	.0	.1									1.0	1.0
SE	.1	.0	.6	.3								1.4	1.0
SSE	1.0	.0	1.5	.5								2.2	1.0
S	3.5	5.2	5.4	1.9								15.0	1.0
SW	1.0	5.0	7.0	1.0	.4							15.7	1.0
WSW	.3	2.6	1.4	.0								2.7	1.0
W	1.0	1.0										2.0	1.0
WNW	1.7	1.4	1.5	.1	.1							2.2	1.0
NW	1.1	3.0	2.1		.1							2.7	1.0
NNW	1.6	4.6	2.5	.0								7.7	1.0
VARBL													
CALM												.0	
	22.7	35.6	6.8	5.5	.6							100.0	

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_

1. WIND INDICATOR - INCH  
2. WIND DIRECTION - DEGREE  
3. WIND SPEED - KNOTS

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION SPARFRENCH AFS AR STATION NAME SPARFRENCH AFS AR YEARS 13-5 MONTH ALL  
CLASS ALL WEATHER NO. OF DAYS 1  
CONDITION ALL WEATHER

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	3.0	2.0	.5								1.0	1.0
NNE	1.0	1.0	.3	.2								1.0	1.0
NE	1.0	.6	.2									1.0	1.0
ENE	.3	.0										1.0	1.0
E		.0										1.0	1.0
ESE	.0	.0	.2	.2								1.0	1.0
SE	.3	1.4	1.4	.2								1.0	1.0
SSE	.0	2.0	1.4	.2								1.0	1.0
S	4.5	6.4	5.6	1.7	.2							1.0	1.0
SSW	1.7	5.3	7.9	2.5								1.0	1.0
SW	1.1	3.3	2.2									1.0	1.0
WSW	.5	1.0	.6									1.0	1.0
W	.0	1.6	.5									1.0	1.0
WNW	.3	2.3	.2	.2								1.0	1.0
NW	.2	2.3	1.6	.3								1.0	1.0
NNW	1.4	.4	3.6	.6	.2							1.0	1.0
VARBL												1.0	1.0
CALM												1.0	1.0
	17.2	36.8	27.5	6.4	.3							1.0	1.0

TOTAL NUMBER OF OBSERVATIONS 13

JOINT CLIMATE LOGIC BRANCH  
USAFETAC  
WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION NAME SPARREVOHN AFS AK 7476-81 YEARS 1951-1952  
STATION ALL WEATHER CLASS ALL WEATHER NORTH 100-00  
CONDITION ALL WEATHER HOURS (LST) 0000-2400

SPEED KNT. DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	0.7	2.3	1.6									7.0	4.0
NNE	0.5		0.2									0.7	0.7
NE	0.5	0.5	0.2									0.5	0.5
ENE	0.5	0.5										0.5	0.5
E													
ESE		0.5										0.5	0.5
SE	0.7	1.3	1.4									1.3	1.3
SSE	0.3	1.6	0.9									0.3	0.3
S	0.8	0.5	5.6	0.7								1.0	0.8
SSW	0.6	6.2	6.1	1.2	0.2							1.0	0.6
SW	1.9	2.3	0.7									0.4	0.4
WSW	0.9	0.5										1.4	1.4
W	1.6											1.6	1.6
WNW	1.2	0.5										1.5	1.5
NW	1.5	1.2	0.7	0.2								1.7	1.7
NNW	0.2	4.2	3.3	1.2								0.2	0.2
VARBL													
CALM												12.0	
TOTAL	24.0	28.4	20.7	4.0	0.2							100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 47

U.S. AIR FORCE  
 WEATHER SERVICE

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION SPARREYON AFS AK STATION NAME 73-81 YEAR 1973  
 CLASS ALL WEATHER HOURS (L.S.T.) 1700-1800  
 CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.2	3.2	2.1		.2							4.2	4.2
NNE	1.5		.5									.7	
NE		.4										.4	
ENE													
E		.2										.2	
ESE													
SE	.2	.5	.8									.7	
SSE	1.1	.4	.4	.2								.2	
S	.6	.4	1.7	.6								3.5	
SSW	2.3	4.3	2.3	.6								1.1	
SW	1.5	1.3	.8									3.1	4.6
WSW	.5	.4										.1	
W	1.3	.4										1.7	
WNW	.4											.4	
NW	.3	1.3	1.3	.2								3.2	
NNW	.8	2.3	1.9	1.5	.2							6.7	
VARBL													
CALM												40.2	
	17.3	19.4	11.6	3.2	.4							100.0	2.3

TOTAL NUMBER OF OBSERVATIONS 475

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AF-WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 72850 STATION NAME SPARREJOHN AFS AK YEARS 73-84 MONTH JUL  
CLASS ALL WEATHER HOURS (L.S.T.) 24  
CONDITION \_\_\_\_\_

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.3	2.4	2.0	.3	.0							7.0	5.4
NNE	1.2	.7	.2	.0								2.1	3.4
NE	.9	.0	.7									1.6	2.8
ENE	.6	.3	.7									.7	2.3
E	.3	.3	.1	.0								.7	4.7
ESE	.4	.4	.1	.0								.5	4.4
SE	.4	.7	.6	.2								1.2	5.1
SSE	.7	1.1	.9	.3								3.0	5.8
S	3.2	5.2	4.1	1.2	.1							13.0	6.1
SSW	2.4	3.9	4.2	1.1	.1							11.7	5.6
SW	1.7	2.1	.9	.1								4.5	4.7
WSW	1.1	1.1	.1									2.3	5.7
W	1.2	.7	.1									2.0	5.4
WNW	.5	.6	.2	.0	.0							1.2	4.3
NW	.7	1.4	1.2	.1	.0							2.3	6.1
NNW	1.0	2.4	2.9	.7	.0							7.0	7.1
VARBL													
CALM												7.0	
	18.9	23.9	17.6	9.0	.3							100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 2512

JUNIOR CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

**SURFACE WINDS**

STATION 72222 SPARREVOHN AFS AK STATION NAME 73-81 YEARS 8  
 CLASS ALL WEATHER MONTH 7-8  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	5.8	1.2	1.3	.3	.1	.1	.3					2.0	4.4
NNE	1.5	1.2	.3	.1								2.1	4.4
NE	1.7	.5	.1									2.4	4.4
ENE	.8	.4										1.2	4.4
E	.1	.4	.1									.7	4.4
ESE	.3											.3	4.4
SE	.7	.9	.7	.8								3.1	7.3
SSE	.4	.5	.8	.3								2.2	7.3
S	1.5	2.9	3.6	.5								8.5	10.1
SSW	.7	1.3	.8	.4	.1							3.3	6.7
SW	.7	.9		.3								1.7	4.4
WSW	.1	.4	.1	.1								.7	4.4
W	.4	.4	.1									.7	4.4
WNW		.1	.1									.3	7.3
NW	.8	.4	.4									1.6	4.4
NNW	2.3	.4	1.2	.5								4.1	5.7
VARBL													
CALM												56.3	
	17.4	12.6	9.7	3.3	.3	.1	.3					100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 753

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/440

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

7-2350 STATION SPARREVOHN AFS AK STATION NAME 73-84 YEARS MONTH NORTH  
CLASS ALL WEATHER  
CONDITION

SPEED KNTS. DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	5.7	1.6	.7	.4	.4	.1	.2					2.1	2.2
NNE	2.3	.7	.1	.1								2.1	2.2
NE	1.5	1.1	.2									.2	2.2
ENE	.1	.2	.1									.1	2.2
E	.1	.2	.2									.2	2.2
ESE		.1										.1	2.2
SE	.5	.7	.5	.1								1.2	2.2
SSE	.6	.5	.6	.5								2.3	7.1
S	1.2	3.2	2.5	1.1	.1							2.2	7.1
SSW	1.1	1.9	.5	.4	.1							4.1	2.2
SW	1.1	.2	.5									1.7	4.4
WSW		.1										.1	4.4
W	.5	.1	.1									.7	3.1
WNW	.4	.2	.1									.7	4.1
NW	.5	.5	.4	.1								1.5	5.1
NNW	1.2	.4	1.9	.7	.4							4.7	7.3
VARBL													
CALM												57.4	
	17.6	12.2	8.0	3.5	1.0	.1	.2					17.1	2.4

TOTAL NUMBER OF OBSERVATIONS 579

CENTRAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

STATION SPAREBOW AFS AR STATION NAME 73-21 YEARS ALL MONTHS ALL  
CLASS ALL WEATHER HOURS (L.S.T.) ALL  
CONDITION ALL

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.0	.9	1.4	.5	.1		.2					5.1	4.1
NNE	1.7	.9	.6	.2								5.1	4.1
NE	1.7	.2	.2									5.1	4.1
ENE	1.6	.4	.1									2.1	2.1
E	.7	.1										.9	2.7
ESE	.2											.2	2.1
SE	.4	1.1	1.2	.4								2.7	2.1
SSE	.1	.7	1.2	.2								1.3	2.7
S	2.3	4.2	3.7	1.7								11.2	2.1
SSW	2.0	1.4	.5	.2								4.1	4.1
SW	.7	.6			.1							1.1	4.1
WSW	.6	.4										1.0	4.1
W	.9	.2										1.1	2.1
WNW	.2											.7	2.1
NW	.4	.2	.4	.1								1.1	5.7
NNW	.4	.4	1.1	.9			.1					2.5	1.7
VARBL													
CALM												54.3	
	15.1	12.2	10.2	3.6	.2		.4					100.0	2.1

TOTAL NUMBER OF OBSERVATIONS 31

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION SPARREVOHN AFS AK YEARS 73-81 MONTHS ALL  
STATION NAME SPARREVOHN AFS AK CLASS ALL WEATHER  
CONDITION ALL WEATHER

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	2.1	1.7	.1			.4					2.9	2.0
NNE	.6	1.4	.4									2.5	2.0
NE	2.1	.7	.4									2.5	2.0
ENE	1.2	1.7	.1									3.0	2.0
E	.9	.2	.1									1.2	2.0
ESE		.4	.4	.1								1.0	2.0
SE	.5	.4	1.5	.4								2.7	2.0
SSE	1.5	1.5	2.1	1.1								5.2	2.0
S	3.3	5.1	6.2	1.4								16.0	2.0
SSW	2.5	3.5	3.3	.4								10.0	2.0
SW	2.4	2.7	.9									5.7	2.0
WSW	1.9	.7	.2									2.8	2.0
W	2.2	1.5	.1									3.8	2.0
WNW	1.2	1.4	.1									2.7	2.0
NW	.1	.7	1.2	.1								2.1	2.0
NNW	1.1	1.5	1.6	1.1	.1							5.3	2.0
VARBL													
CALM													
	2.6	25.1	22.3	4.6	.1		.4					12.0	4.0

TOTAL NUMBER OF OBSERVATIONS 1000

LOCAL CLIMATOLOGY BRANCH  
AFM 7-12-64  
AFM WEATHER SERVICE /MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION APPROPRIATE AFS 30 73-9 YEARS 1973-74 MONTH 1973-74  
STATION NAME ALL WEATHER CLASS ALL WEATHER MOVER (L & T)  
CONDITION

SPEED KNTS. DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	3.2	2.9	.5	.2		.2	.1				.2	.2
NNE	.7	1.5	.5	.2								.2	.2
NE	2.2	1.4	.2									.2	.2
ENE	.5	.5	.1									.2	.2
E	1.1	.4	.2									.2	.2
ESE	.2	.2	.1	.1								.2	.2
SE	.1	1.1	.2	.6								.2	.2
SSE	1.1	1.7	1.7	1.7	.1							.2	.2
S	2.2	5.6	4.1	1.7								17.4	2.2
SSW	2.2	5.3	4.4	1.2								13.4	.2
SW	2.1	4.1	1.1	.4								1.7	.2
WSW	.5	1.5	.4									.2	.2
W	1.5	1.7	.1									.2	.2
WNW	1.6	1.4	.4									.2	.2
NW	2.1	2.2	.9	.1								.2	.2
NNW	1.1	3.6	3.7	.6								2.2	.2
VARBL													
CALM												1.7	
	3.9	35.2	25.9	5.5	.4		.2	.1				1.7	.2

TOTAL NUMBER OF OBSERVATIONS 1

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
WEATHER SERVICE/4AC

# SURFACE W. DS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION SPARREVOHN AFS AK YEARS 73-81

STATION NAME ALL WEATHER CLASS ALL WEATHER HOURS 24

CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	4.2	2.7	.7		.3	.1					5.8	2.1
NNE	1.3	1.3	.3									1.9	1.2
NE	1.3	.6	.1	.1								1.9	1.2
ENE	1.1	1.3	.1									1.7	1.0
E	.3	.7	.1									1.1	.7
ESE	.1	.3		.1								.6	.4
SE	.1	.4	1.3	.6								1.7	1.0
SSE	.4	1.4	1.3	1.1	.1							1.9	1.2
S	1.9	5.3	7.3	2.4	.3							12.2	2.7
SSW	1.6	4.7	4.4	1.1								11.2	2.7
SW	1.9	3.6	2.4	.4								6.3	2.0
WSW	.9	1.5	.4									2.7	1.0
W	.4	1.1	.4									2.7	1.0
WNW	1.7	1.1	.9									3.7	1.2
NW	1.7	2.7	1.4									4.2	1.4
NNW	1.6	3.7	3.2	.3								5.7	2.0
VARBL													
CALM													
	19.9	33.5	26.5	7.0	.4	.3	.1					100.0	

TOTAL NUMBER OF OBSERVATIONS 221

U.S. AIR FORCE  
 METEOROLOGICAL SERVICE  
 WASHINGTON, D.C.

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 1-111-1 DATE 1950 AFS 111 YEARS 1950-51 NORTH  
 CLAS 111 HOURS 1950  
 CONDITION 111

SPEED KTS DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.2	1.2	1.2	1.1	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
NNE	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
NE	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
ENE	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
E	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
ESE	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
SE	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
SSE	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
S	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
SSW	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
SW	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
WSW	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
W	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
WNW	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
NW	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
NNW	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
ALL	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
CALM	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4

TOTAL NUMBER OF OBSERVATIONS

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED EXCEPT WHERE SHOWN OTHERWISE

U.S. AIR FORCE  
 METEOROLOGICAL SERVICE  
 AIR WEATHER SERVICE/AFAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION SPARRSVONN AFS AK STATION NAME SPARRSVONN AFS AK YEARS 77-81 MONTH ALL  
 CLASS ALL WEATHER HOURS (L.S.T.) ALL  
 CONDITION \_\_\_\_\_

SPEED KNTS DIR	3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	3.4	2.2	1.7	.6	.2	.1	.3					2.5	1.1
NNE	1.5	1.1	.4	.1								.8	.4
NE	1.7	1.1	.2	.0								.4	.2
ENE	.0	.1	.1									.1	.1
E	.5	.7	.1									.1	.1
ESE	.1	.1	.1	.1								.1	.1
SE	.5	.9	1.7	.5	.1							1.0	1.7
SSE	.7	1.1	1.2	.6	.1							.8	1.2
S	1.1	4.4	4.8	1.3	.2							1.2	1.6
SSW	1.3	2.6	2.2	.5	.1							1.3	1.6
SW	1.4	1.6	.7	.1	.1							1.0	1.6
WSW	.7	.7	.2	.2								.4	.7
W	1.2	.7	.2	.2								.4	.7
WNW	.7	.7	.3									.2	.7
NW	1.1	1.1	.7	.1	.1							.4	.7
NNW	1.4	1.5	1.9	.7	.1		.0					1.8	1.7
VARBL													
CALM													
	9.5	22.8	15.9	8.6	.6	.1	.3	.7				1.0	1.1

TOTAL NUMBER OF OBSERVATIONS 85

CENTRAL CLIMATOLOGY BRANCH  
 WASHINGTON, D.C.  
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

**SURFACE WINDS**

STATION SPACRECON AFS AR YEARS 73-81 NORTH 30° 00'  
 CLASS ALL WEATHER HOURS (L & T) 0000-2300  
 CONDITION

SPEED KNTS DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	0.4	2.1	1.1	1.5	1.0	0.1						1.2	1.0
NNE	0.7	1.0	0.5	0.5								0.9	1.0
NE	0.7	1.1	0.5									0.9	1.0
ENE	1.0	0.6										0.9	1.0
E	0.4	0.4	0.1									0.9	1.0
ESE	0.9	0.7		0.2	0.1							1.0	1.0
SE	0.7	1.0	0.1	0.6	0.2							1.0	1.0
SSE	0.4	0.7	0.9	0.6	0.1	0.1						1.0	1.0
S	1.5	2.7	2.1	1.2	0.2	0.1						1.0	7.0
SSW	0.5	0.4	0.9	0.1								1.0	1.0
SW	0.4	0.6	0.4									1.0	1.0
WSW	0.4	0.1	0.1									1.0	1.0
W	0.4	0.4	0.4	0.1								1.0	1.0
WNW	0.6	0.1	0.5									1.0	1.0
NW	0.7	0.7	0.7	0.5								1.0	1.0
NNW	1.5	1.1	2.1	0.6	0.2							1.0	1.0
VARBL													
CALM												4.0	
	18.4	14.1	10.9	6.1	2.2	0.4						1.0	

TOTAL NUMBER OF OBSERVATIONS 1000

LOCAL CLIMATOLOGICAL BRANCH  
 UNITED STATES AIR FORCE  
 WEATHER SERVICE

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION SPAREBORN AFS AR STATION NAME 73-5 YEARS 1973-74 MONTH 12  
 CLASS ALL WEATHER  
 CONDITION   
 HOUR (LST) 1200

SPEED KNTS: DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	3.5	1.6	1.9	1.5	.1	.2						.2	7.0
NNE	2.2	1.1	.5	.1								.1	4.0
NE	2.4	1.1	.5									.4	4.0
ENE	1.1	.5	.4									.4	4.0
E	.2	.7	.2	.1								.4	4.0
ESE		.5	.5									.4	4.0
SE	.1	.2	1.2	.5	.2							.4	4.0
SSE	.6	1.1	1.1	.5	.1							.3	7.0
S	1.6	1.5	2.2	.2	.2							.6	7.0
SSW	.6	.5	.6	.2								.1	4.0
SW	.4	.2	.4	.1								.1	4.0
WSW	.2	.4	.1									.1	4.0
W	.2	.7	.2									.2	4.0
WNW	.6	.5	.7									.1	4.0
NW	.7	.7	.9	.2								.1	4.0
NNW	2.4	.5	2.5	1.2	.2	.1						.2	7.0
VARBL													
CALM													
	17.2	12.6	13.6	5.2	1.0	.4						22.2	

TOTAL NUMBER OF OBSERVATIONS 42

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION: 1250 SPAFREVOH AFS AK STATION NAME: 73-84 YEARS: MONTH: HOURS (LST):

CLASS: ALL WEATHER

CONDITION:

SPEED KNTS, DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	1.0	1.7	2.0	.7							2.1	1.0
NNE	2.6	.5	.4	.1								4.0	.5
NE	3.5	2.4	.1									5.0	.9
ENE	.7	1.1	.2	.1								1.0	.4
E	.2	.4	.1									.7	.2
ESE	.3		.4	.4								1.0	.5
SE	.1	.2	1.7	.1	.1		.1					1.0	.4
SSE	.5	.7	1.0	.2	.7							1.5	.8
S	1.4	2.2	2.1	1.9	.2							1.0	1.0
SSW	1.1	1.1	.9	.4								1.0	.8
SW	.5	.5	.1	.1								1.0	.3
WSW	.7	.1										.9	.1
W	.2	.2										.9	.1
WNW	.4	.7	.5									1.0	.4
NW	.2	.7	.5	.1								1.0	.3
NNW	.5	1.4	1.9	1.5	.1	.1						1.0	.5
VARBL													
CALM													
	14.2	14.7	10.9	5.2	2.7	.1	.1						

TOTAL NUMBER OF OBSERVATIONS

U.S. AIR FORCE FLIGHT LOGS  
 1. STATION  
 2. WEATHER SERVICE NO.

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 2-1-1 STATION NAME WATKINS AFB, TX YEARS 73-81 MONTH 5  
 CLASS ALL WEATHER HOUSE (L.S.T.) 1-2-1  
 CONDITION \_\_\_\_\_

SPEED KNTS: DIR:	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	1.7	2.5	1.5	.5							4.2	4.2
NNE	1.1	1.5	.4	.1								3.2	3.2
NE	1.7	2.1	.4									3.2	3.2
ENE	1.3	2.1	.2	.1								4.2	4.2
E	2.1	1.1	.5									4.2	4.2
ESE	.5	1.1	.1									3.2	3.2
SE	.7	.7	1.1	.6	.2							3.2	3.2
SSE	.2	1.9	1.2	.6	.6							3.2	3.2
S	2.2	.4	5.5	1.6	.6		.1					14.5	7.2
SSW	1.1	2.2	1.2	.9								1.2	1.2
SW	.2	1.2	.5	.1								1.1	1.1
WSW	1.2	.9	.2									1.2	1.2
W	1.1	.1	.2									1.2	1.2
WNW	.6	1.1	.2									1.2	1.2
NW	.6	.7	.7		.1							1.2	1.2
NNW	.4	1.1	3.5	2.2	.4	.1						7.5	1.2
VARBL													
CALM												77.4	
	19.6	23.5	12.6	7.6	2.5	.1	.1					100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 1000

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/HAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7 0300 SPARREVOHN AFS AK 73-81 567  
STATION STATION NAME YEARS MONTH  
ALL WEATHER  
CLASS  
CONDITION

SPEED KNTS; DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	3.5	3.6	2.7	1.1	.7						1.1	2.0
NNE	1.1	1.7	.5	.1								3.4	2.0
NE	1.3	1.4	.7									3.7	2.0
ENE	1.4	1.4	.7	.1								3.6	2.0
E	.9	1.5	.7	.1								3.2	2.0
ESE		.4	.5									1.1	1.0
SE	.4	1.7	1.0	.7	.1							2.2	7.0
SSE	.7	2.5	2.2	1.0	.5							7.8	2.0
S	1.7	5.5	5.8	1.9	.2	.5						1.6	7.0
SSW	1.5	4.3	2.6	1.6								3.0	2.0
SW	1.6	2.5	.5	.1								4.7	4.0
WSW	.7	.6	.8									.7	4.0
W	1.2	.7	.6									2.5	4.0
WNW	.4	.7	1.4	.1								.4	2.0
NW	.4	2.2	1.2	.5								4.3	2.0
NNW	.5	2.5	5.0	1.5								7.5	2.0
VARBL													
CALM												1.0	
	12.1	32.5	27.7	11.4	2.0	.7						1.0	2.0

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION SPARROWHVN AFB AN YEARS 73-81 NORTH 38-53  
CLASS ALL WEATHER HOURS (L.S.T.) 0000-2359  
CONDITION \_\_\_\_\_

SPEED KNTS DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.6	3.4	3.9	2.4	.6	.1						2.1	
NNE	.2	1.2	.2	.2								.4	
NE	1.4	.7	.1									.4	
ENE	.5	1.2	.4									.4	
E	.2	.2	.4									.1	
ESE	.4	.4	.1									.1	
SE	.6	1.2	2.2	.2	.2							4.9	7.8
SSE	.2	1.5	3.4	.9	.4	.1						7.1	8.3
S	2.6	5.4	5.4	2.2	.5	.1						18.1	7.8
SSW	1.6	3.4	1.5	1.1								7.7	
SW	1.1	1.4	.6									.1	4.5
WSW	1.0	.1	.1									.2	
W	1.4	.7	.2									2.4	4.8
WNW	1.2	.7	.9	.1								2.7	5.8
NW	.7	2.6	2.4	.4								5.4	6.8
NNW	1.3	4.7	5.2	2.7	.1	.1						17.2	11.1
VARBL													
CALM												1.0	
	13.8	29.1	27.7	11.8	1.9	.5						17.0	

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
411 WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

**SURFACE WINDS**

STATION 72300 STATION NAME GPAPREVONH AFS AK YEARS 73-74, 76-81 MONTH 01  
CLASS ALL WEATHER HOURS (L & T) 00-24  
CONDITION \_\_\_\_\_

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.1	4.3	3.7	3.4	.9	.3						3.6	7.0
NNE	1.2	1.7	1.1	.2	.2							2.2	4.4
NE	.0	.5		.3								1.2	4.0
ENE		.0	.3									.3	4.0
E	.3	.5										.8	4.0
ESE	.7	.3	.8	.2								1.0	4.0
SE	.9	.9	.8	.6	.3							2.9	7.0
SSE	.3	1.7	1.1	.5								3.9	7.0
S	1.8	3.4	2.5	1.2	.2							6.2	6.0
SSW	1.7	2.3	.9	.2								5.2	4.0
SW	.6	.9	.3									1.8	4.0
WSW	.0	.0										.0	4.0
W	.5	.3										.8	3.4
WNW	.5	.5	.3									1.3	3.4
NW	1.1	1.8	1.5	.2								4.6	3.0
NNW	1.2	3.5	2.6	1.7	.3							8.3	7.0
VARBL													
CALM												74.3	
	16.7	23.6	15.2	5.4	1.8	.3						74.3	3.4

TOTAL NUMBER OF OBSERVATIONS 15

CLIMATE DIVISION  
 AFMPC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

STATION SPARREVOOR AFS AK YEARS 73-75-81 MONTH 5  
 CLASS ALL WEATHER HOURS (L.S.T.) 12-00-00  
 CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	5.6	3.1	2.9	1.5	.5	.5						14.1	2.1
NNE	1.2	1.7	.5	.6	.2							4.1	2.1
NE	2.4	1.1	.5									3.1	2.1
ENE	.5	.9	.3	.2								2.1	4.1
E	.2	.2	.2									1.1	3.1
ESE		.2	.2	.2								1.1	7.1
SE	.5	.9	.8									2.1	2.1
SSE	.3	1.2	1.1	.9								3.5	2.1
S	1.7	2.9	1.7	1.2	.2							7.1	2.1
SSW	.9	.9	.6	.2								2.1	2.1
SW	.3	.8										1.1	4.1
WSW	.2	.5	.2									1.1	4.1
W	.3	.3										1.1	2.1
WNW	.3	.9	.3									2.1	4.1
NW	.8	1.0	1.1	.2	.2							4.1	2.1
NNW	.9	2.1	2.7	.3	.2							6.1	7.1
VARBL													
CALM												45.1	
	15.2	19.1	12.8	5.2	1.1	.5						100.0	

TOTAL NUMBER OF OBSERVATIONS 100

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION SPARREMOHN AFS AB STATION NAME 73-81 YEARS 1961 MONTH ALL  
CLASS ALL WEATHER HOURS (LST) ALL  
CONDITION

SPEED KNTS. DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	2.5	2.6	4.7	.7	.2						1.7	9
NNE	1.7	1.4	.5	.2	.							1.7	4
NNE	4.7	1.2	.4	.2								4.7	2
ENE	.5	1.1	.4	.1								.5	4
E	.7	.7	.3	.								.7	4
ESE	.2	.4	.3	.1	.7							.2	2
SE	.5	.7	1.2	.4	.2		.					.5	2
SSE	.7	1.4	1.6	.8	.3	.2						.7	2
S	1.2	3.5	3.4	1.5	.3	.1	.					1.2	1
SSW	1.5	1.7	1.2	.5								1.5	2
SW	.7	1.2	.4	.1								.7	4
WSW	.5	.4	.1	.								.5	2
W	.7	.	.2	.								.7	4
WNW	.2	.7	.5	.7								.2	2
NW	.7	1.4	1.1	.3	.							.7	2
NNW	1.5	2.	3.1	1.4	.2	.1						1.5	2
VARBL													
CALM												4.7	
	17.2	11.1	17.3	7.7	1.9	.4	.					17.2	2

TOTAL NUMBER OF OBSERVATIONS 100

U.S. AIR FORCE  
 AIR WEATHER SERVICE/AFS

# SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

STATION PARRENDA AFB AR YEARS 73-8 NORTH 73-8  
 CLASS ALL WEATHER  
 HOURS (LST) 73-8  
 CONDITION \_\_\_\_\_

SPEED KNTS DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.3	1.1	1.5	2.1	.4	.1						2.4	2.4
NNE	2.7	2.4	1.5	.2	.1							7.1	2.4
NE	2.3	2.1	.7									.8	2.4
ENE	.1	1.1	.7	.2	.1							.8	2.4
E	1.1	.7	.5	.2	.4							1.8	2.4
ESE	.1	.7	.4	.2		.4						.8	2.4
SE	.5	1.1	1.1	.6	.2	.2						3.8	2.4
SSE	.6	.9	.6	.2	.1							.4	2.4
S	1.1	2.1	2.3	1.1	.1		.1					6.3	7.1
SSW	.5	1.2	1.2	.1	.1							.4	2.4
SW	.4	.1	.5	.2	.1							.8	2.4
WSW	.1	.1	.1	.2								.8	2.4
W	.6	.2	.5									.8	2.4
WNW	.4	.6	.4		.1							.8	2.4
NW	.7	.6	1.2	1.1	.1							3.3	2.4
NNW	.9	.2	1.3	2.1	1.3	.1						6.2	11.1
VARBL													
CALM												1.2	
	15.3	15.7	14.5	3.4	2.9	.9	.1					17.1	6.5

TOTAL NUMBER OF OBSERVATIONS 73-8

LOCAL CLIMATOLOGY BRANCH  
AFETAC  
METEOROLOGICAL SERVICE/140

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION: SPAREVORN AFS AM STATION NAME: 73-81 YEARS: 1973 MONTH: 1

CLASS: ALL WEATHER HOUSE: 1571

CONDITION: \_\_\_\_\_

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	2.0	2.1	1.3	1.2							1.0	1.0
NNE	0.4	2.6	1.0	0.4								0.4	0.4
NE	0.3	1.0	0.4		0.1							0.3	0.3
ENE	1.1	2.0	0.2	0.4		0.1						1.0	1.0
E	0.1	0.1	0.2		0.1	0.4						0.1	0.1
ESE	0.1	0.1	0.6	0.1	0.1	0.7						0.1	0.1
SE	0.1	1.1	0.9	0.1	0.2							0.1	0.1
SSE	0.7	0.2	0.9	0.4		0.1						0.1	0.1
S	0.2	2.0	1.6	0.7	0.2		0.1	0.2				1.7	1.7
SSW	0.1	0.7	0.6	0.1								0.1	0.1
SW	0.1		0.2	0.1								0.1	0.1
WSW	0.1	0.1	0.1	0.1								0.1	0.1
W	0.1	0.1	0.1									0.1	0.1
WNW	0.1	0.2	0.5	0.2								0.1	0.1
NW	0.1	0.1	1.2	1.1								0.1	0.1
NNW	0.1	0.1	0.1	0.1	1.3	0.1						0.1	0.1
VARBL			0.1	0.1	0.1							0.1	0.1
CALM													
	10.5	12.7	7.6	7.4	1.0	0.1	0.1	0.2				1.0	1.0

TOTAL NUMBER OF OBSERVATIONS: \_\_\_\_\_

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

[illegible]

TOTAL NUMBER OF OBSERVATIONS

PAUL RO MAIGLEBY ANCH  
 1913  
 104177 00 1210 1740

# SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

STATION NAME: SPANISH WIND 250.11 YEARS: 77-81  
 CLASS: ALL - AIRCRAFT  
 CONDITION: \_\_\_\_\_  
 NORTH: \_\_\_\_\_  
 HOURS: 11 57 1

SPEED KNOTS OR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.1	1.0	2.2	7.1	.4							.1	.1
NNE	1.1	1.1	.5	.1								.1	.1
NE	2.7	1.0	1.1	.1								.1	.1
ENE	.1	1.0	.2	.1								.1	.1
E	.7	1.1	.4		.1							.1	.1
ESE	.7	.7	.4	.7								.1	.1
SE	.7	.7	1.6	1.2	.1							.1	.1
SSE	.7	.7	1.7	.5	.2							.1	.1
S	.1	2.0	3.3	.5								.1	.1
SSW	1.0	.4	1.1	.1	.1							.1	.1
SW	.1	.7	.5									.1	.1
WSW	.1	.4										.1	.1
W	.7	1.0	.6	.6								.1	.1
WNW	.1	1.1	.1									.1	.1
NW	.7	.7	.5	.5								.1	.1
NNW	.4	.7	3.3	.4	1.1	.1						.1	.1
VARBL												.1	.1
CALM												.1	.1

TOTAL NUMBER OF OBSERVATIONS

NOTE: 1. WIND DIRECTION OBSERVED FROM ARE OBSERVED

1. NAME OF PLANT, LOU, T. ANCH  
 2. TOTAL  
 3. LOCATION, SERVICE, V. AC

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION SPARREHORN AFB AK STATION NAME 73-3 YEARS 1973-1974 MONTH 12  
 CLASS ALL WEATHER HOURS (L.S.T.) 0000-2359  
 CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	2.2	2.4	2.6	.9							2.2	1.4
NNE	1.2	1.5	1.2		.1							1.1	1.4
NE	2.7	2.4	.6									1.1	1.4
ENE	1.3	1.5	.4									1.1	1.4
E	1.2	.7	.9	.2								1.1	1.4
ESE	.8	1.1	.7	.2	.1							1.1	1.4
SE	.4	1.6	1.0	.6	.2							1.1	1.4
SSE	1.2	2.2	1.2	.7	.2							1.1	1.4
S	2.3	1.3	.3	.9								1.1	1.4
SSW	1.5	1.5	1.5	.1								1.1	1.4
SW	1.1	.4	.2									1.1	1.4
WSW	.3	.3										1.1	1.4
W	1.1	.5	.2									1.1	1.4
WNW	.6	1.3	.1									1.1	1.4
NW	.7	1.2	1.3	.6								1.1	1.4
NNW	.4	1.1	1.3	.3	.1	.1						1.1	1.4
VARBL													
CALM												4.1	
TOTAL	19.6	33.7	20.9	9.5	2.8	.1						100.0	

TOTAL NUMBER OF OBSERVATIONS

U.S. AIR FORCE  
 WEATHER SERVICE

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION WADSWORTH AFB MO YEARS 73-74  
 STATION NAME ALL WEATHER CLASS CLAS  
 CONDITION CLAS

SPEED KNTS DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.7	2.1	5.5	1.2	.7	.3						1.2	.6
NNE	.7	1.7	.7	.7								.4	.6
N	.7	1.4	.6	.1								.4	.6
ENE	1.7	1.4	.9									.4	.6
E	1.2	1.7	.4									.4	.6
ESE	.7	.7	.1	.1				.1				.4	.6
SE	.7	1.7	1.5	.6	.4							.4	.6
SSE	.7	1.7	1.4	.6	.3	.1						.4	.6
S	.7	2.4	2.2	1.9	.1	.1						.4	.6
SSW	.7	1.7	.3	.1								.4	.6
SW	.7	.7	.5									.4	.6
WSW	.7	.7										.4	.6
W	.7	.7	.3									.4	.6
WNW	.7	.7	.4									.4	.6
NW	.7	.7	.9	.2								.4	.6
NNW	.7	1.7	.4	.6	.7	.3						.4	.6
VARBL												.4	.6
CALM												.4	.6
		19.7	2.2	5.9	2.2	.8		.1					

TOTAL NUMBER OF OBSERVATIONS 27

U.S. AIR FORCE  
 WEATHER SERVICE

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION WAFREYON, AFB, AK 13-81 YEARS 13-81 MONTH 13-81

CLASS ALL WEATHER HOURS (L.B.T.) 13-81

CONDITION

SPEED KNTS, DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	2.1	2.2	3.6	.4	.2						1.7	1.7
NNE	1.5	2.7	1.4	.2	.2							1.7	1.7
NE	.2	1.1	.3	.3								1.7	1.7
ENE	1.7	.2		.2								1.7	1.7
E	.2	.1	.8									1.7	1.7
ESE	.1	.1	.2	.2		.3						1.7	1.7
SE	.5	1.7	1.8	.8	.4	.2	.2					1.7	1.7
SSE	.3	1.2	1.1	.8	.2		.2	.2				1.7	1.7
S	.5	2.1	1.2	1.1	.2							1.7	1.7
SSW	.5	.1	.1									1.7	1.7
SW	.1	.2	.2									1.7	1.7
WSW	.2	.2										1.7	1.7
W	.5	.5										1.7	1.7
WNW	.5	.3	.2	.3								1.7	1.7
NW	.5	.2	1.1	.5	.3							1.7	1.7
NNW	.2	1.7	2.9	1.7	1.4							1.7	1.7
VARBL												1.7	1.7
CALM												1.7	1.7
	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7

TOTAL NUMBER OF OBSERVATIONS 13-81

U.S. AIR FORCE  
CLIMATE  
WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION DAHRENDORF AFB TX YEARS 73-5

STATION NAME ALL WEATHER CLIM CLIM NORTH CLIM

CONDITION CLIM

SPEED KNTS DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	0.3	1.2	2.2	3.8	0.4							1.9	1.9
NNE	1.7	2.2	1.2	0.1	0.1							1.9	1.9
NF	7.1	1.3	0.3	0.1								1.9	1.9
ENE	1.2	1.5	0.6	0.1								1.9	1.9
E	1.0	0.7	0.6	0.1	0.1							1.9	1.9
ESE	0.6	0.6	0.9	0.3	0.1	0.7						1.9	1.9
SE	0.4	0.4	1.2	1.2	0.3							1.9	1.9
SSE	0.7	1.1	1.3	0.7	0.3							1.9	1.9
S	1.2	2.7	2.3	0.7								1.9	1.9
SSW	0.1	1.2	0.9	0.1								1.9	1.9
SW	0.4	0.1		0.3								1.9	1.9
WSW	0.5	0.3	0.1	0.1								1.9	1.9
W	0.1		0.7									1.9	1.9
WNW	0.6	0.4		0.4	0.1							1.9	1.9
NW	0.9	0.4	1.0		0.7							1.9	1.9
NNW	0.6	1.6	2.7	0.5	1.1							1.9	1.9
VARBL													
CALM													
	1.0	17.1	16.1	9.9	2.8	0.3							

TOTAL NUMBER OF OBSERVATIONS 27

NO. 100-1000-10-10  
 100-1000-10-10  
 100-1000-10-10

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

## SURFACE WINDS

STATION NAME SPARREYON AFB, AK 13-51 YEARS 1951  
 CLASS ALL SEASONS NORTH 100  
 HOURS (L.S.T.) 1000  
 CONDITION

SPEED KNTS. DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.1	1.8	2.7	3.5	4.6	5.7	6.8	7.9	9.0	10.1	11.2	12.3	13.4
NNE	1.2	1.9	2.8	3.6	4.7	5.8	6.9	8.0	9.1	10.2	11.3	12.4	13.5
NE	2.7	1.8	1.5	1.2	1.0	0.8	0.6	0.4	0.3	0.2	0.1	0.1	0.1
ENE	1.1	1.5	1.2	1.0	0.8	0.6	0.4	0.3	0.2	0.1	0.1	0.1	0.1
E	1.1	1.2	1.0	0.8	0.6	0.4	0.3	0.2	0.1	0.1	0.1	0.1	0.1
ESE	1.4	1.1	0.8	0.6	0.4	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1
SE	1.1	1.1	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4
SSE	1.1	1.1	1.2	1.6	1.2	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.4
S	1.4	2.5	2.6	2.9	3.1	3.3	3.5	3.7	3.9	4.1	4.3	4.5	4.7
SSW	1.1	1.1	1.2	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.2
SW	1.1	1.4	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.2	0.1
WSW	1.1	1.3	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.2	0.1
W	1.7	1.5	1.4	1.3	1.2	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.4
WNW	1.4	1.7	1.3	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.2
NW	1.1	1.8	1.4	1.6	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
NNW	1.1	1.1	2.8	2.5	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
VARBL	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
CALM	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1

TOTAL NUMBER OF OBSERVATIONS 100

## SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

STATION	SPAREVON AFS AK	77-5	1977
STATION NAME			NORTH
	ALL WEATHER		HOUSE (L S T)
	CLASS		
	CONDITION		

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.3	1.7	1.3	.3	.5	.1	.1					4.7	1.9
NNE	2.1	.9	.8									2.1	2.9
NE	2.5	1.3	.3									2.5	2.9
ENE	1.4	1.3	.4									1.4	2.9
E	.5	1.9	.8	.3	.3							2.1	2.9
ESE	.7	.9	.2	.1								1.9	2.9
SE	.3	.2	.9	.9	.3							2.1	2.9
SSE		.5	1.6	.5	.5							2.1	2.9
S	1.1	2.5	2.7	2.3								1.2	2.9
SSW	.9	.5	.9	.6	.7							2.4	2.9
SW	.4	.4	.1	.4								1.3	2.9
WSW	.7	.7										2.1	2.9
W	.4	.2	.4	1.0	.1							2.1	2.7
WNW	.4	.5		.1								1.1	4.9
NW	.5	.5	.5	.3								2.1	2.9
NNW	.5	.4	1.3	1.5	.5	.7						4.7	2.9
VARBL													
CALM												6.3	
	15.1	13.2	12.7	9.2	2.5	.4	.1					1.2	2.9

TOTAL NUMBER OF OBSERVATIONS 1 5

U.S. AIR FORCE  
 AIR FORCE  
 AIR FORCE

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

## SURFACE WINDS

STATION USAFERDOWNS AFB AK STATION NAME 73-2 YEARS 1973 NORTH 10

CLASS ALL WEATHER

CONDITION

HOUSES (L S T)

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	1.1	.4	.0	.4	.1						.0	.1
NNE	.0	2.1	.6		.1							.0	.1
NE	.0	1.0	1.1									.0	.1
ENE	.0	1.4	.6	.1								.0	.1
E	.0	.0	.3	.4								.0	.1
ESE	.0	.4	.5	.3		.1						.0	.1
SE	.0	1.0	1.1	.5	.5							.0	.1
SSE	.0	1.0	1.3	.5	.3							.0	.1
S	.0	1.0	3.1	1.3	.5	.1						.0	.1
SSW	.0	1.0	1.1	.6	.3	.1						.0	.1
SW	.0	.6	.1									.0	.1
WSW	.0	.3	.3	.1								.0	.1
W	.0	.1	.4	.4	.1	.1						.0	.1
WNW	.0	.1	.1	.1								.0	.1
NW	.0	.5	.5									.0	.1
NNW	1.0	.1	.8	.1	.4		.1					.0	.1
VARBL													
CALM													
	1.0	13.7	13.2	7.8	2.5	.6	.1						

TOTAL NUMBER OF OBSERVATIONS 121

U.S. NAVAL CLIMATE DIVISION  
 WASHINGTON, D.C. 20375  
 FORM 10-1 (REV. 1-74)

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION USAFETAL 10000 STATION NAME USAFETAL 10000 YEARS 73-8 MONTH ALL  
 CLASS ALL WEATHER HOURS (LST) 0000-2300  
 CONDITION ALL WEATHER

SPEED KNTS DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.0	0.5	1.0	1.4	0.0	0.1	0.4					1.0	9.1
NNE	1.0	0.5	1.0	0.1	0.1							1.0	9.1
NE	1.0	0.5	1.4									1.0	9.1
ENE	1.0	0.5	0.5									0.3	7.2
E	0.5	0.3	0.3									0.3	7.2
ESE		1.0	0.5	0.1								0.3	7.2
SE	0.7	0.5	1.3	0.8	0.4	0.1	0.1					1.0	9.1
SSE	0.4	0.2	1.4	0.4	0.5							1.0	9.1
S	1.0	1.0	2.4	1.3	0.4							1.0	9.1
SSW	0.7	0.0	1.1	0.5	0.1							0.3	7.2
SW	0.1	0.4	0.3									0.3	7.2
WSW	0.2	0.2	0.4									0.3	7.2
W	0.4	0.3	0.3	0.2								0.3	7.2
WNW	0.2	0.2	0.3	0.1								0.3	7.2
NW	0.4	0.4	0.3	0.1	0.1							0.3	7.2
NNW	0.2	0.4	0.0	1.0	1.4	0.1						0.3	7.2
VARBL												0.3	7.2
CALM												0.3	7.2
	14.2	12.1	12.6	6.7	3.9	0.4	0.5					1.0	9.1

TOTAL NUMBER OF OBSERVATIONS 7

U.S. AIR FORCE CLIMATE BRANCH  
 WFO  
 171 WEATHER SERVICE DIVISION

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

**SURFACE WINDS**

STATION DAERVOON AFB AF STATION NAME 73-3 YEARS 5 NORTH 4  
 CLAS ALL WEATHER HOURS (LST) 1  
 CONDITION

SPEED KNOTS DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.2	1.2	1.6	1.6	1.3	1.3	1.1	1.1				1.1	1.1
NNE	1.1	1.1	1.4	1.1								1.1	1.1
NF	1.2	1.2	1.6	1.1								1.1	1.1
ENE	1.1	1.1	1.6	1.1								1.1	1.1
E	1.1	1.1	1.4	1.1								1.1	1.1
ESE	1.1	1.1	1.4	1.1								1.1	1.1
SE	1.1	1.1	1.4	1.1								1.1	1.1
SSE	1.1	1.1	1.4	1.1								1.1	1.1
S	1.1	1.1	1.4	1.1								1.1	1.1
SSW	1.1	1.1	1.4	1.1								1.1	1.1
SW	1.1	1.1	1.4	1.1								1.1	1.1
WSW	1.1	1.1	1.4	1.1								1.1	1.1
W	1.1	1.1	1.4	1.1								1.1	1.1
WNW	1.1	1.1	1.4	1.1								1.1	1.1
NW	1.1	1.1	1.4	1.1								1.1	1.1
NNW	1.1	1.1	1.4	1.1								1.1	1.1
VARBL													
TOTAL	1.2	1.2	1.6	1.6	1.3	1.3	1.1	1.1				1.1	1.1

TOTAL NUMBER OF OBSERVATIONS 71

U.S. AIR FORCE  
 100-100  
 100-100

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION NAME: SPATREXON AFB TX YEARS: 77-81

ALL WEATHER CLASSED

CONDITION

SPEED KTS DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

STATION NAME  
STATION NUMBER

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

## SURFACE WINDS

STATION NAME STATION 101 STATION NUMBER 71-1 YEARS 1951-1952 NORTH 100°

CLASS ALL CONDITION FAIR

HOURS (L.S.T.) 1000

SPEED KNTS DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.2	1.4	1.5	2.6	1.4	1.4						1.2	
NNE	1.2	1.4	1.5	2.6	1.4	1.4						1.2	
NE	1.2	1.4	1.5	2.6	1.4	1.4						1.2	
ENE	1.2	1.4	1.5	2.6	1.4	1.4						1.2	
E	1.2	1.4	1.5	2.6	1.4	1.4						1.2	
ESE	1.2	1.4	1.5	2.6	1.4	1.4						1.2	
SE	1.2	1.4	1.5	2.6	1.4	1.4						1.2	
SSE	1.2	1.4	1.5	2.6	1.4	1.4						1.2	
S	1.2	1.4	1.5	2.6	1.4	1.4						1.2	
SSW	1.2	1.4	1.5	2.6	1.4	1.4						1.2	
SW	1.2	1.4	1.5	2.6	1.4	1.4						1.2	
WSW	1.2	1.4	1.5	2.6	1.4	1.4						1.2	
W	1.2	1.4	1.5	2.6	1.4	1.4						1.2	
WNW	1.2	1.4	1.5	2.6	1.4	1.4						1.2	
NW	1.2	1.4	1.5	2.6	1.4	1.4						1.2	
NNW	1.2	1.4	1.5	2.6	1.4	1.4						1.2	
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS 11

U.S. CLIMATE DIVISION  
 WASHINGTON, D.C.  
 FORM NO. 1-57 (REV. 1-57)

# SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

STATION NAME SPARKSVILLE, ARIZONA YEARS 1957-58 MONTH 1

CLASS ALL WEATHER HOURS 1 DAY 1

CONDITION

SPEED KTS DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	0.1	1.5	1.7	1.2	0.5	0.5	0.2					2.7	0.1
NNE	0.1	1.7	1.3	0.7								4.0	0.1
NF	0.1	1.0	0.8	0.2								2.1	0.1
ENE	0.1	1.0	0.7									1.8	0.1
E		0.1	0.8	0.7	0.3							2.2	0.1
ESE		0.1			0.3							0.7	0.1
SE		0.1		0.3	0.2	0.2						1.0	0.1
SSE		0.1	0.1	0.3	0.2							1.0	0.1
S	0.2	1.2	3.0	2.1	0.5							7.0	1.0
SSW		1.0	0.7	0.2								2.9	0.1
SW	0.1	1.0	0.7									2.8	0.1
WSW		1.0	0.7									2.7	0.1
W	0.1	0.1	0.1									0.3	0.1
WNW	0.1	0.1	0.1			0.2						0.5	0.1
NW	0.1	0.1	0.1	0.7	0.2							1.2	0.1
NNW	0.1	0.1	0.5	1.2	0.5							2.6	0.1
VARBL													
CALM													
TOTAL	3.7	1.7	5.7	7.2	7.1	0.7	0.2					20.3	1.0

TOTAL NUMBER OF OBSERVATIONS 203

REMARKS: IF THIS FORM IS USED FOR OTHER PURPOSES, IT IS THE USER'S RESPONSIBILITY TO OBTAIN THE NECESSARY PERMISSIONS FROM THE U.S. CLIMATE DIVISION.

# SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

STATION 111 STATION NAME 111 YEARS 1951-1952 NORTH 111  
CLASS 111 HOUSE 111  
CONDITION 111

SPEED KNTS DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.1	1.2	1.5	1.3	1.2	1.2						1.1	1.1
NNE	2.1	1.1	1.2	1.2	1.3							1.1	1.1
NE	2.1	1.1	1.2	1.2	1.3							1.1	1.1
ENE	2.1	1.1	1.2	1.2	1.3							1.1	1.1
E	2.1	1.1	1.2	1.2	1.3							1.1	1.1
ESE	2.1	1.1	1.2	1.2	1.3							1.1	1.1
SE	2.1	1.1	1.2	1.2	1.3							1.1	1.1
SSE	2.1	1.1	1.2	1.2	1.3							1.1	1.1
S	2.1	1.1	1.2	1.2	1.3							1.1	1.1
SSW	2.1	1.1	1.2	1.2	1.3							1.1	1.1
SW	2.1	1.1	1.2	1.2	1.3							1.1	1.1
WSW	2.1	1.1	1.2	1.2	1.3							1.1	1.1
W	2.1	1.1	1.2	1.2	1.3							1.1	1.1
WNW	2.1	1.1	1.2	1.2	1.3							1.1	1.1
NW	2.1	1.1	1.2	1.2	1.3							1.1	1.1
NNW	2.1	1.1	1.2	1.2	1.3							1.1	1.1
VARBL	2.1	1.1	1.2	1.2	1.3							1.1	1.1
CALM	2.1	1.1	1.2	1.2	1.3							1.1	1.1

TOTAL NUMBER OF OBSERVATIONS

THE FOLLOWING INFORMATION  
 IS FOR THE  
 MONTH OF JULY 1961

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

## SURFACE WINDS

STATION NO. 10-10000 STATION NAME AFD AB YEARS 72-61 MONTH       

CLASS ALL WEATHER HOURS OF DAY       

CONDITION       

SPEED KNTL OR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
NNE	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
NE	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
NNE	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
E	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
ESE	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
SE	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
SSE	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
S	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
SSW	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
SW	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
WSW	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
W	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
WNW	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
NW	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
NNW	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
VARBL	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
CALM	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

TOTAL NUMBER OF OBSERVATIONS

U.S. AIR FORCE, WASHINGTON, D.C. 20330-5000

STATION NAME  
 STATION  
 LOCATION - SERVICE / AL

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION SPRATLYN AFB AL YEARS 13 MONTH 12  
 CLASS ALL  
 CONDITION ALL  
 HOURS (L & T) 12

SPEED KNT DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	0.7	0.5	1.1	1.1	1.1	0.7						2.8	0.8
NNE	0.1	1.2	0.5	0.1								0.2	0.8
NE	1.3	2.7	0.1									4.1	1.8
ENE	0.7	1.2	0.2	0.4								0.2	0.8
E	0.1	0.7	0.4		0.1							1.8	0.8
ESE	0.1	0.1	0.1									0.1	0.8
SE	0.1	0.1	0.2	0.5	0.7	0.1		0.4				1.8	1.8
SSE	0.2	0.2	0.2	0.2	0.2							0.2	0.8
S	1.1	1.7	2.7	1.4	0.1							0.2	0.8
SSW	0.2	0.2	0.1	0.2								0.2	0.8
SW	0.5	0.2	0.5	0.2	0.1							1.8	0.8
WSW	0.1	0.1		0.1	0.1							0.2	0.8
W	0.1	0.1	0.1									0.2	0.8
WNW	0.2	0.5	0.1		0.1		0.1					1.1	0.8
NW	0.6	0.4	0.5	0.4	0.2							0.2	0.8
NNW	0.1	0.4	0.1	0.5	0.1	0.1	0.1					0.2	0.8
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

NOTES: 1. ALL WINDS ARE OBSERVED FROM 0100 TO 2300 HOURS.  
 2. ALL WINDS ARE OBSERVED FROM 0100 TO 2300 HOURS.

U.S. NAVAL HYDROGRAPHIC SURVEY  
 OFFICE OF THE SURVEYOR GENERAL  
 WASHINGTON, D. C. 20375

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

**SURFACE WINDS**

STATION GRAND POND LAKE STATION NAME 17-B YEARS 1951-1952 NORTH 17-B  
 CLASS ALL WEATHERS  
 CONDITION

SPEED KNTS DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	MEAN WIND SPEED
N	1.3	0.0	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NNE	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NE	1.3	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ENE	1.3	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
E	0.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ESE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SSE	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
S	1.3	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SSW	1.3	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WSW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WNW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NNW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
VARBL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CALM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	1.3	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TOTAL NUMBER OF OBSERVATIONS 100

1. NAME OF STATION  
2. LOCATION  
3. DATE

# SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

STATION SPARRENGRY AFB AR STATION NAME 77-2 YEARS 1 NORTH 1

CLASS ALL WEATHER

CONDITION

HOURS (L & T)

SPEED KNTS DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.2	.3	1.2	1.3	1.3	.5	.1					1.2	1.2
NNE	1.3	1.2	.7		.2							1.2	1.2
NE	1.2	1.2	1.1	.1								1.2	1.2
ENE	.7	1.1	.4	.1								1.2	1.2
E	.7	1.1										1.2	1.2
ESE	.2		.1	.1								1.2	1.2
SE	.2	.2	.6	.1	.5		.1	.1				1.2	1.2
SSE	.6	.7	.6	.4	.2	.1	.2					1.2	1.2
S	.7	2.3	.3	1.2	.5							1.2	1.2
SSW	1.2	.7	1.2	.4	.1							1.2	1.2
SW	.6	1.2	.4	.2								1.2	1.2
WSW	.6	.4	.1	.1								1.2	1.2
W	.1	.5	1.2	.1								1.2	1.2
WNW		.2	.5									1.2	1.2
NW	.1	.5	.1	.2	.1	.1						1.2	1.2
NNW	.1	.2		.7	.6	.1						1.2	1.2
VARBL													
CALM													
	1.2	1.2	.5	.6	.6	.2	.1	.1					

TOTAL NUMBER OF OBSERVATIONS 1

LOCAL CLIMATOLOGY BRANCH  
 JAFETAL  
 AIR WEATHER SERVICE /MAC

# SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

STATION SPARREVOEN AFS AK STATION NAME 73-81 YEARS 1973-81 NORTH 1  
 CLASS ALL WEATHER HOURS (LST) 1  
 CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.3	.4	1.1	1.7	1.3	.9						1.2	1.2
NNE	1.1	.2	.4									.7	1.2
NE	1.0	2.7	.8	.1								.8	1.2
ENE	1.5	1.2	.1	.1	.1							.8	1.2
E	.0	.8	.4		.2							.8	1.2
ESE	.4	.7	.1				.1	.1				.8	1.2
SE	.2	.4	.7	.6	.2	.1	.1	.1				.8	1.2
SSE	.2	.7	.6	.1	.2	.2						.8	1.2
S	1.4	2.7	2.0	.5	.2	.1						2.2	1.2
SSW	1.2	.0	.4	.2	.1	.1						.8	1.2
SW	.1	.8	.4	.1								.8	1.2
WSW	.2		.4									.8	1.2
W	.4	.4	.2	.2								.8	1.2
WNW	.2	.1	.1	.1	.1							.8	1.2
NW		.6	.4	.2	.2							.8	1.2
NNW	.2	.7	.6	.7	.9							.8	1.2
VARBL													
CALM													
	12.1	12.3	6.4	4.5	2.5	1.7	.2	.1					

TOTAL NUMBER OF OBSERVATIONS

U.S. NAVAL CLIMATE DIVISION  
 WASHINGTON, D.C. 20375  
 WEATHER SERVICE/NAVC

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION SPARREX 14 AFS, TX STATION NAME 73-51 YEARS 1973-1974 MONTH 1-12

CLASS ALL WEATHER MONTHS (L & T) 1-12

CONDITION

SPEED KNTS. DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	.0	1.4	1.2	.1							1.1	2.2
NNE	.0	1.0	1.2	.1								1.1	2.2
NE	2.4	1.6	.5	.1	.1							1.2	4.4
ENE	1.7	1.6	.2	.4								1.1	3.4
E	.3	.2	.6	.1								.3	1.1
ESE	.3	.7	.2	.1		.1						1.7	2.2
SE	.3	.7		.2	.4	.4	.1					.7	2.2
SSE	.3	.7	1.2	.1	.4	.2	.1					1.1	3.4
S	1.2	2.0	1.7	1.0	.2	.1						1.7	7.4
SSW	.3	1.7	.8	.4	.1							1.2	3.4
SW	.2	.0	.2									.2	1.1
WSW	.2	.1	.2	.1								.2	1.1
W	.3	.5	.1		.1							.3	1.1
WNW	.7		.1		.1							.7	4.4
NW	.2		.5	.4								.2	1.1
NNW	.4		.4	.7	.2	.5	.1	.1				2.4	1.1
VARBL													
CALM												5.7	
	1.7	12.0	9.5	4.9	2.3	1.3	.4	.1				1.1	

TOTAL NUMBER OF OBSERVATIONS 1

CENTRAL CLIMATOLOGY BRANCH  
 WASHINGTON  
 AIR WEATHER SERVICE/MAJ

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION SPARREVOCHN AFS AF YEARS 73-84 MONTH ALL  
 CLASS ALL WEATHER  
 CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	.5	.7	1.1	.8	.2		.1	.2			2.2	2.2
NNE	1.1	1.3	.7	.1								1.2	4.8
NE	2.5	2.2	1.0	.1	.1							2.8	7.7
ENE	1.3	2.2	.6	.1	.1							1.1	8.9
E	.5	1.1	.4	.1								1.1	1.1
ESE	.5	.4	.1	.1								1.1	1.1
SE	.1	.4	.6	.5	.4	.4						1.2	1.1
SSE	.4	1.0	.4	.7	.2							1.2	1.1
S	1.6	.7	1.8	.7	.5				.1			1.2	1.1
SSW	.7	.5	1.5	.4								1.2	7.1
SW	.6	.5	.4									1.2	4.8
WSW	.1	.1	.4									.7	1.1
W	.4	.1	.2	.1								.2	1.1
WNW	.4	.1	.1									.2	4.8
NW	.1	.2	.6	.2	.3							1.2	1.1
NNW	.1	.2	.4	.8	.2	.1		.1				1.2	1.1
VARBL													
CALM												5.7	

TOTAL NUMBER OF OBSERVATIONS 120

U.S. AIR FORCE  
 WEATHER DIVISION  
 WIND DATA

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION WARRINGTON AFB, ALA 77-01 YEARS 1977  
 MONTH ALL WEATHER  
 CLASS ALL WEATHER  
 CONDITION ALL WEATHER

SPEED KNTS DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.0	1.3	.2	.9	.8	.5	.2	.2				1.2	.2
NNE	.0	1.1	.6									.4	.4
NE	.4	2.7	.3	.2								.4	.4
ENE	.7	1.6	.2		.2							.1	.4
E	.0	.6	.5									.1	.4
ESE	.0	1.1	.1									.2	.4
SE	.2	.6	1.1	.6								.7	.4
SSE	.0	.2	.8	1.1	.3							.5	.4
S	1.1	1.6	2.7	1.3	.2	.2						.4	.4
SSW	.6	.6	.6		.2							.2	.4
SW	.0	.6	.3	.2								.1	.4
WSW	.0	.2	.3	.2								.1	.4
W	.1	.2	.2	.2								.1	.4
WNW		.6										.1	.4
NW	.6	.9	.5	.2								.2	.4
NNW	.3	.7	.5	1.1								.2	.4
VARBL													
CALM													
	12.7	15.4	9.6	5.8	1.6	.6	.2	.2				4.1	

TOTAL NUMBER OF OBSERVATIONS 127

U.S. AIR FORCE  
CLIMATE BRANCH  
METEOROLOGICAL SERVICE

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION NAME SPANGHERWOOD AFB, AR 13,75-51 YEARS 24 NORTH

CLASS ALL WEATHER HOURS 1, 5, 7

CONDITION \_\_\_\_\_

SPEED KNTS DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥ 56	%	MEAN WIND SPEED
N	0.2	0.7	0.3	1.2	0.5	0.5	0.2					2.8	0.8
NNE	1.2	0.7	0.7									2.8	0.8
NE	0.5	1.7	0.3									2.5	0.9
ENE	1.0	1.7	0.2	0.2								2.5	0.9
E	0.5	0.7	0.2	0.3								2.7	0.8
ESE	0.7	0.7	0.5	0.3								2.7	0.8
SE	0.5	1.0	1.0	0.2	0.7	0.2						4.8	0.8
SSE	0.5	1.0	0.8	0.9		0.2	0.3					5.0	0.8
S	0.2	1.7	0.2	0.5	0.5							2.8	0.8
SSW	0.0	1.0	0.8	0.2	0.5							2.5	0.8
SW	0.0	0.7	0.5	0.3								2.5	0.8
WSW		0.7	0.2	0.2	0.2							2.7	0.8
W		0.5	0.5	0.2								2.7	0.8
WNW		0.5	0.2	0.2								2.1	0.8
NW		0.5	0.2	0.2	0.2							2.1	0.8
NNW		0.5	0.2	0.2		0.2	0.2	0.2				2.5	0.8
VARBL												5.4	
CALM													
	12.4	14.1	5.1	5.6	2.2	1.2	0.5	0.2				47.3	0.9

TOTAL NUMBER OF OBSERVATIONS 4

# SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

STATION NO. 000000 REF. NO. 77-21 YEARS 1977 MONTH 12

STATION NAME ALL TIMES CLASS 1 HOURS (L & T) 1

CONDITION

SPEED KNT. DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	0	0	1	1	0	0	0	0	0	0	0	0	0
NNE	1	1	7	0	0	0	0	0	0	0	0	0	0
NE	0	2	7	1	0	0	0	0	0	0	0	0	0
ENE	0	1	0	2	0	0	0	0	0	0	0	0	0
E	0	0	5	1	0	0	0	0	0	0	0	0	0
ESE	0	0	2	1	0	0	0	0	0	0	0	0	0
SE	0	0	7	4	0	0	0	1	0	0	0	0	0
SSE	0	0	7	5	3	0	1	0	0	0	0	0	0
S	0	1	1	1	4	0	0	0	0	0	0	0	0
SEW	0	0	5	3	1	0	0	0	0	0	0	0	0
SW	0	0	4	2	0	0	0	0	0	0	0	0	0
WSW	0	0	2	1	0	0	0	0	0	0	0	0	0
W	0	0	4	1	0	0	0	0	0	0	0	0	0
WNW	0	0	3	2	0	0	0	0	0	0	0	0	0
NW	0	0	4	4	1	0	0	0	0	0	0	0	0
NNW	0	0	4	5	7	2	0	0	0	0	0	0	0
VARBL	0	0	0	0	0	0	0	0	0	0	0	0	0
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0

TOTAL NUMBER OF OBSERVATIONS 65

U.S. DEPARTMENT OF COMMERCE  
BUREAU OF MARINE SERVICE  
OFFICE OF MARINE SERVICE

# SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

STATION NAME SPRINGVILLE AFB AR YEARS 1971  
 CLASS ALL WEATHER NORTH  
 HOURS 1871  
 CONDITION

SPEED ANT DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	MEAN WIND SPEED
N	0.0	1.7	1.9	1.1	.4		.1					
NNE	0.0	1.1	.8									
NF	0.0	1.0	.8	.1								
ENE	1.7	1.7	.4	.1								
E	0.0	.0	.3	.1								
ESE	0.0	.0	.0	.1								
SE	0.0	.0	1.2	.0	.0							
SSE	0.0	1.2	1.3	.6	.2	.1	.2	.2	.2	.2		
S	1.0	3.1	2.2	.3	.2	.1	.2	.2	.2	.2		
SSW	1.7	2.9	1.3	.7	.1							
SW	0.0	1.0	.7	.1								
WSW	0.0	.0	.0		.2							
W	0.0	.0	.2	.1								
WNW	0.0	.1	.3	.1								
NW	0.0	.0	.2	.3	.1							
NNW	0.0	1.1	1.7	1.1	.4	.1						
VARBL												
CALM												
	1.7	2.1	2.3	4.4	1.6	.2	.2	.2	.2	.2		

TOTAL NUMBER OF OBSERVATIONS 1871

NOTE: IF ANY OF THE VALUES IN THIS FORM ARE ABSOLUTE

# SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

STATION NAME STATION 10 N AFS 46 YEARS 1971-1972 MONTHS ALL  
INSTRUMENT VT  
CLASS VT  
CONDITION DIR 100 TO 1400 FT W/ VSBY 1/2 MI OR MORE  
AND/OR VSBY 1/2 TO 1/2 MI W/ DIR 100 FT OR MORE

SPEED KNOTS DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	0.1	1.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
NNE	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
NE	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
ENE	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
E	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
ESE	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
SE	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
SSE	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
S	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
SSW	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
SW	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
WSW	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
W	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
WNW	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
NW	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
NNW	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
VARBL	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
CAIM	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1

TOTAL NUMBER OF OBSERVATIONS 1000

U S AIR FORCE  
ENVIRONMENTAL TECHNICAL  
APPLICATIONS CENTER

PART D

CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and three sets of tables are presented as follows:

1. Annual - all years and all hours combined
2. By month - all years and all hours combined
3. By month - by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

Beginning in January 1968, METAR stations report visibilities to 6 miles and then greater than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables, unless the summary was for a period ending before January 1968.

Continued on Reverse Side

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	$\geq 10$	$\geq 6$	$\geq 5$	$\geq 4$	$\geq 3$	$\geq 2\frac{1}{2}$	$\geq 2$	$\geq 1\frac{1}{2}$	$\geq 1\frac{1}{4}$	$\geq 1$	$\geq \frac{3}{4}$	$\geq \frac{1}{2}$	$\geq \frac{1}{4}$	$\geq \frac{1}{8}$	$\geq \frac{1}{16}$	$\geq 0$
NO CEILING																
$\geq 1500$					91.0											92.6
$\geq 1200$																
$\geq 1000$																
$\geq 800$																
$\geq 700$																
$\geq 600$																
$\geq 500$										97.4						98.1
$\geq 400$																
$\geq 300$																
$\geq 200$																
$\geq 100$																
$\geq 0$					95.4		96.9			98.3						100.0

EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed  $\geq 0$ .  
For instance, from the table: Ceiling  $\geq 1500$  feet = 92.6%.  
Ceiling  $\geq 500$  feet = 98.1%.

EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite  $\geq 0$ . From the table:  
Visibility  $\geq 3$  miles = 95.4%.  
Visibility  $\geq 2$  miles = 96.9%.  
Visibility  $\geq 1$  mile = 98.3%.

EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling  $\geq 1500$  feet with visibility  $\geq 3$  miles = 91.0%.

#### ADDITIONAL EXAMPLES

EXAMPLE # 4 Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%.  
Thus, to obtain the percentage of observations with ceiling  $< 1500$  feet and/or visibility  $< 3$  miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling  $< 1500$  feet and/or visibility  $< 3$  miles.

Likewise, the percentage of observations with ceiling  $< 500$  feet and/or visibility  $< 1$  mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5 To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of  $\geq 1500$  feet with  $\geq 3$  miles, subtracted from 97.4 read from the table at the intersection of  $\geq 500$  feet with  $\geq 1$  mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling  $\geq 500$  feet with visibility  $\geq 1$  mile, but  $< 3$  miles; or ceiling  $\geq 500$  feet, but  $< 1500$  feet with visibility  $\geq 1$  mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

## CEILING VERSUS VISIBILITY

3-21

44

the 1990s, the number of people in the world who are under 15 years of age is expected to increase from 1.1 billion to 1.5 billion. The number of people aged 65 and over is expected to increase from 250 million to 450 million. The number of people aged 15 and over is expected to increase from 3.5 billion to 4.5 billion. The number of people aged 15 and over is expected to increase from 3.5 billion to 4.5 billion. The number of people aged 15 and over is expected to increase from 3.5 billion to 4.5 billion.

1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 26

28.2	50.0	50.8	51.5	52.2	52.7	52.7	53.3	53.7	54.0	54.1	54.3	54.7	54.8	54.8	54.9
28.5	51.2	52.1	52.7	53.4	54.1	54.0	54.5	54.9	55.2	55.4	55.5	55.9	56.0	56.0	56.1
29.0	51.3	52.4	53.3	54.0	54.5	54.5	55.1	55.6	55.9	55.9	56.0	56.3	56.5	56.5	56.6
29.1	51.9	52.7	53.4	54.1	54.7	54.7	55.2	55.6	55.9	56.0	56.2	56.6	56.7	56.7	56.7
29.3	52.1	52.9	53.6	54.3	54.8	54.8	55.4	55.8	56.0	56.2	56.3	56.7	56.9	56.9	56.9
29.3	52.1	52.9	53.6	54.3	54.8	54.8	55.4	55.8	56.0	56.2	56.3	56.7	56.9	56.9	56.9
29.3	55.9	56.7	57.4	58.1	58.7	58.7	59.2	59.6	59.9	60.0	60.2	60.6	60.7	60.7	60.7
31.1	56.3	57.1	57.8	58.5	59.1	59.1	59.6	60.0	60.3	60.4	60.6	61.0	61.1	61.1	61.1
31.9	56.4	59.2	59.9	60.6	61.1	61.1	61.7	62.1	62.4	62.5	62.6	63.0	63.2	63.2	63.2
33.2	62.4	62.8	63.5	64.1	64.7	64.8	65.4	65.8	66.1	66.2	66.3	66.8	66.9	66.9	66.9
35.6	64.4	65.4	66.1	66.8	67.3	67.6	68.1	68.5	68.8	69.0	69.1	69.5	69.5	69.6	69.6
37.2	67.6	68.5	69.2	69.9	70.5	70.7	72.3	72.8	72.7	72.7	72.9	73.4	73.5	73.5	73.5
38.3	69.1	70.2	71.0	71.7	72.3	72.5	73.8	74.2	74.5	74.5	74.7	75.1	75.3	75.3	75.3
39.0	72.1	74.5	75.4	76.2	76.8	77.3	79.1	79.5	79.8	79.9	80.1	80.5	80.6	80.6	80.6
39.2	72.9	76.3	76.8	77.6	78.2	79.1	80.9	81.3	81.6	81.7	81.9	82.3	82.4	82.4	82.4
40.7	75.5	78.6	80.9	82.3	82.8	83.8	85.6	86.7	86.3	86.4	86.5	87.7	87.1	87.1	87.1
41.3	76.5	79.8	82.3	84.5	85.0	86.0	87.8	88.2	88.5	88.6	88.7	89.1	89.3	89.3	89.3
41.7	77.1	80.6	83.2	85.4	86.3	87.4	89.7	90.1	90.4	90.5	90.7	91.1	91.2	91.2	91.2
41.9	77.3	81.2	83.9	86.1	87.0	88.2	90.9	91.5	91.9	92.4	92.6	93.0	93.1	93.1	93.1
41.9	77.6	81.5	84.2	86.4	87.2	88.6	91.3	91.7	93.3	93.8	94.0	94.4	94.5	94.5	94.5
41.9	77.6	81.7	84.6	86.8	87.8	89.1	92.3	92.9	94.4	94.9	95.1	95.5	95.6	95.6	95.6
41.9	77.6	82.7	84.9	87.1	88.2	89.7	93.1	93.7	95.5	96.2	96.3	96.7	96.8	96.8	96.8
41.9	77.6	82.1	85.0	87.2	88.3	90.0	93.4	94.0	96.3	97.0	97.1	97.5	97.7	97.7	97.7
41.9	77.6	82.1	85.0	87.2	88.3	90.0	93.4	94.0	96.3	97.1	97.3	97.7	97.9	97.9	97.9
41.9	77.6	82.1	85.0	87.2	88.3	90.0	93.7	94.2	96.6	97.4	97.5	97.9	98.1	98.1	98.1
41.9	77.6	82.1	85.0	87.2	88.3	90.0	93.7	94.2	96.6	97.4	97.5	97.9	98.2	98.2	98.2
41.9	77.6	82.1	85.0	87.2	88.3	90.0	93.7	94.2	96.6	97.5	97.9	99.2	99.3	99.5	99.5
41.9	77.6	82.1	85.0	87.2	88.3	90.0	93.7	94.2	96.6	97.5	97.9	99.2	99.3	99.5	99.5
41.9	77.6	82.1	85.0	87.2	88.3	90.0	93.7	94.2	96.6	97.5	97.9	99.2	99.3	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 129

CLIMATE CLIMATOLOGY BRANCH  
 C-145740  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

12312 LPAPREVCHN AFS AK

73-61

245

PERCENTAGE FREQUENCY OF OCCURRENCE  
 FROM HOURLY OBSERVATIONS

1712-0922

27.1	49.1	51.2	51.4	52.3	52.3	52.3	52.6	53.0	53.2	53.5	53.5	53.5	53.7	53.9	53.9
28.7	51.2	53.2	53.5	54.4	54.4	54.4	54.7	55.1	55.3	55.6	55.6	55.6	55.8	55.7	55.7
28.2	51.6	53.6	53.9	54.8	54.8	54.8	55.1	55.4	55.7	56.7	56.7	56.7	56.7	56.1	56.1
28.7	51.6	53.6	53.9	54.8	54.8	54.8	55.1	55.4	55.7	56.7	56.7	56.7	56.7	56.1	56.1
28.5	51.8	53.9	54.1	55.1	55.1	55.1	55.3	55.7	56.2	56.2	56.2	56.2	56.2	56.7	56.7
28.5	52.1	54.1	54.4	55.3	55.3	55.3	55.6	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
29.7	55.1	57.1	57.4	58.3	58.3	58.3	58.5	59.2	59.2	59.5	59.5	59.5	59.5	59.5	59.5
30.2	56.1	58.2	58.4	59.3	59.3	59.3	59.7	60.2	60.4	60.5	60.5	60.5	60.5	60.5	60.5
31.7	57.9	60.0	60.2	61.1	61.1	61.1	61.5	61.7	62.2	62.4	62.4	62.4	62.4	62.4	62.4
32.1	60.2	63.2	63.6	64.5	64.5	64.5	64.9	65.2	65.5	65.9	65.9	65.9	65.9	65.9	65.9
34.1	64.4	66.6	67.2	68.1	68.1	68.1	68.5	68.7	69.2	69.4	69.4	69.4	69.4	69.4	69.4
35.7	67.4	69.6	70.3	71.4	71.4	71.4	72.4	72.4	72.7	72.9	72.9	72.9	72.9	73.1	73.1
36.4	69.2	71.5	72.4	73.7	73.7	73.7	74.4	74.7	75.0	75.7	75.7	75.7	75.7	75.7	75.7
37.2	70.3	73.2	74.2	75.5	75.5	75.5	76.6	76.2	77.2	77.5	77.5	77.5	77.5	77.5	77.5
37.4	72.4	75.3	76.3	77.6	77.6	77.6	78.8	79.1	79.4	79.7	79.7	79.7	79.7	79.7	79.7
37.7	73.7	76.6	77.6	78.9	78.9	78.9	80.3	80.7	81.0	81.2	81.2	81.2	81.2	81.3	81.3
39.8	76.8	79.7	81.3	82.4	82.8	83.0	84.3	84.7	85.0	85.2	85.2	85.2	85.2	85.4	85.4
40.3	77.3	80.2	82.3	84.3	84.5	84.8	86.3	86.7	86.9	87.2	87.2	87.2	87.2	87.3	87.3
40.3	77.3	80.2	82.3	84.5	84.7	85.1	86.5	86.7	87.2	87.4	87.4	87.4	87.4	87.6	87.6
40.2	77.5	80.4	82.6	85.5	85.8	86.3	88.9	89.2	89.8	90.2	90.2	90.2	90.2	90.5	90.5
40.2	77.8	81.3	83.7	86.4	86.7	87.7	90.4	90.8	91.8	92.1	92.1	92.2	92.5	92.6	92.6
40.3	78.6	82.4	84.8	88.3	88.6	90.0	92.7	93.1	94.9	95.2	95.2	95.3	95.6	95.7	95.7
40.3	78.8	82.8	85.4	88.9	89.1	90.5	93.5	93.9	96.1	96.6	96.6	96.8	97.0	97.2	97.2
40.3	78.8	82.9	85.5	89.2	89.2	90.7	93.8	94.2	96.5	97.2	97.2	97.2	97.4	97.5	97.5
40.3	78.8	82.9	85.5	89.0	89.4	90.9	94.0	94.4	96.8	97.3	97.3	97.4	97.7	97.8	97.8
40.3	78.8	82.9	85.5	89.0	89.4	91.1	94.4	94.8	97.2	97.7	97.7	97.8	98.1	98.2	98.2
40.3	78.8	82.9	85.5	89.0	89.4	91.1	94.4	94.8	97.4	97.9	97.9	98.1	98.3	98.4	98.4
40.3	78.8	82.9	85.5	89.0	89.4	91.1	94.4	94.8	97.4	98.1	98.1	98.2	98.6	98.8	98.8
40.3	78.8	82.9	85.5	89.0	89.4	91.1	94.4	94.8	97.4	98.1	98.1	98.4	98.8	99.4	99.4
40.3	78.8	82.9	85.5	89.0	89.4	91.1	94.4	94.8	97.4	98.1	98.1	98.4	98.8	99.6	99.6
40.3	78.8	82.9	85.5	89.0	89.4	91.1	94.4	94.8	97.4	98.1	98.1	98.4	98.8	99.6	99.9
40.4	78.9	83.7	85.6	89.1	89.5	91.2	94.6	94.9	97.5	98.2	98.2	98.6	99.0	99.7	100.2

TOTAL NUMBER OF OBSERVATIONS 772

1  
2

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/HAC

# CEILING VERSUS VISIBILITY

72350 SPAREVOHN AFS AK

73-81

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

1600-1600

25.7	46.1	46.1	46.1	49.5	49.6	49.6	50.1	50.2	53.7	51.1	51.2	51.4	51.5	51.5	51.5
26.5	47.9	49.9	51.0	51.4	51.7	51.7	52.2	52.4	52.9	53.2	53.4	53.5	53.6	53.6	53.6
27.4	49.4	51.4	51.5	52.9	53.2	53.2	53.7	53.9	54.4	54.7	54.9	55.0	55.1	55.1	55.1
27.5	49.5	51.5	51.6	53.0	53.4	53.4	53.9	54.0	54.5	54.7	55.0	55.1	55.2	55.2	55.2
27.6	49.8	51.7	51.9	53.2	53.6	53.6	54.1	54.2	54.7	55.1	55.2	55.3	55.5	55.5	55.5
28.0	50.5	52.5	52.6	54.0	54.4	54.4	54.9	55.0	55.5	55.9	56.0	56.1	56.2	56.2	56.2
29.1	52.4	54.4	54.5	55.8	56.2	56.2	56.7	56.8	57.3	57.7	57.8	58.0	58.1	58.1	58.1
29.1	52.6	54.6	54.7	56.1	56.5	56.5	57.1	57.2	57.7	58.1	58.2	58.3	58.5	58.5	58.5
30.7	55.3	57.3	57.5	58.8	59.2	59.2	59.8	60.0	60.4	60.6	60.9	61.1	61.2	61.2	61.2
34.1	60.8	62.8	63.1	64.4	64.8	64.8	65.4	65.5	66.2	66.4	66.5	66.7	66.8	66.8	66.8
35.7	63.6	65.5	65.8	67.2	67.5	67.5	68.2	68.3	68.8	69.2	69.3	69.4	69.5	69.5	69.5
38.4	68.2	70.3	70.5	72.0	72.4	72.4	73.1	73.3	73.8	74.1	74.3	74.4	74.5	74.5	74.5
39.1	69.5	71.6	71.9	73.4	73.8	73.8	74.5	74.6	75.1	75.5	75.6	75.7	75.9	75.9	75.9
39.9	70.5	73.0	73.4	75.1	75.5	75.5	76.4	76.5	77.0	77.4	77.5	77.6	77.7	77.7	77.7
42.3	74.0	76.5	77.0	78.9	79.2	79.2	80.1	80.2	80.7	81.1	81.2	81.3	81.5	81.5	81.5
42.8	75.0	77.7	78.2	80.2	80.6	80.6	81.6	81.7	82.5	82.8	83.0	83.1	83.2	83.2	83.2
43.3	77.5	80.6	82.0	84.1	84.5	84.6	85.8	85.9	86.7	87.1	87.2	87.3	87.4	87.4	87.4
44.3	78.4	81.5	82.8	85.1	85.4	85.9	87.7	87.8	88.6	88.9	89.1	89.2	89.3	89.3	89.3
44.3	78.4	81.5	82.8	85.1	85.4	85.9	87.7	87.8	88.6	88.9	89.1	89.2	89.3	89.3	89.3
44.3	78.6	81.7	83.5	86.7	87.2	87.9	90.0	90.2	90.9	91.3	91.4	91.5	91.7	91.7	91.7
44.4	78.7	81.8	83.6	86.8	87.3	88.2	90.8	90.9	92.0	92.4	92.5	92.7	92.8	92.8	92.8
44.4	79.4	82.6	84.6	88.3	88.9	90.0	92.9	93.3	94.7	95.1	95.3	95.4	95.5	95.5	95.5
44.4	79.4	82.7	84.7	88.4	89.1	90.3	93.4	93.8	95.4	95.9	96.0	96.6	96.8	96.8	96.8
44.4	79.4	82.7	84.7	88.4	89.1	90.3	93.7	94.0	95.6	96.1	96.3	96.9	97.0	97.0	97.0
44.4	79.4	82.8	84.8	88.6	89.2	90.4	93.8	94.2	95.9	96.6	96.8	97.4	97.5	97.6	97.6
44.4	79.4	82.8	84.8	88.6	89.2	90.8	94.3	94.7	96.4	97.1	97.3	98.0	98.1	98.3	98.3
44.4	79.4	82.8	84.8	88.6	89.2	90.8	94.3	94.7	96.4	97.3	97.4	98.3	98.4	98.6	98.6
44.4	79.4	82.8	84.8	88.6	89.2	90.8	94.3	94.7	96.4	97.3	97.5	98.5	98.8	99.1	99.1
44.4	79.4	82.8	84.8	88.6	89.2	90.8	94.3	94.7	96.4	97.3	97.5	98.6	98.9	99.3	99.3
44.4	79.4	82.8	84.8	88.6	89.2	90.8	94.3	94.7	96.4	97.3	97.5	98.6	99.1	99.6	99.6
44.4	79.4	82.8	84.8	88.6	89.2	90.8	94.3	94.7	96.4	97.3	97.5	98.6	99.1	99.9	100.0
44.4	79.4	82.8	84.8	88.6	89.2	90.8	94.3	94.7	96.4	97.3	97.5	98.6	99.1	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 824

WAS 4-11-73 11:14 AM 11-11-73 11:14 AM 11-11-73 11:14 AM

1 GLOBAL CLIMATOLOGY BRANCH  
2 DAFETAC  
3 AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

7 8550 SPARREVOHN AFS AK

73-81

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

1902-1100

30.2	41.4	42.7	43.2	45.2	45.8	46.2	46.4	46.4	46.6	46.7	46.7	46.7	46.7	46.7	46.7
31.2	42.9	44.2	44.7	46.8	47.4	47.8	48.1	48.1	48.2	48.3	48.3	48.3	48.3	48.3	48.3
32.6	44.7	45.9	46.4	48.6	49.2	49.6	49.8	49.8	49.9	50.1	50.1	50.1	50.1	50.1	50.1
33.7	44.8	46.1	46.6	48.7	49.3	49.7	49.9	49.9	50.1	50.2	50.2	50.2	50.2	50.2	50.2
33.3	45.2	46.4	46.9	49.1	49.7	50.1	50.3	50.3	50.4	50.6	50.6	50.6	50.6	50.6	50.6
35.1	46.9	48.2	48.7	50.8	51.4	51.8	52.1	52.1	52.2	52.3	52.3	52.3	52.3	52.3	52.3
38.5	50.8	52.1	52.6	54.7	55.3	55.7	55.9	55.9	56.1	56.2	56.2	56.2	56.2	56.2	56.2
39.7	52.1	53.3	53.8	55.9	56.6	56.9	57.2	57.2	57.3	57.4	57.4	57.4	57.4	57.4	57.4
42.2	55.0	56.4	56.9	59.1	59.7	60.0	60.3	60.3	60.4	60.5	60.5	60.5	60.5	60.5	60.5
46.2	60.0	61.4	61.9	64.0	64.7	65.0	65.3	65.3	65.4	65.5	65.5	65.5	65.5	65.5	65.5
47.9	63.2	64.5	65.0	67.3	68.0	68.4	68.7	68.7	68.8	68.9	68.9	68.9	68.9	68.9	68.9
52.5	66.7	69.2	68.6	71.2	71.9	72.3	72.8	72.8	72.9	73.0	73.0	73.0	73.0	73.0	73.0
54.4	68.4	69.9	70.5	72.9	73.7	74.0	74.5	74.5	74.7	74.8	74.8	74.8	74.8	74.8	74.8
56.2	71.5	73.0	73.7	76.0	76.8	77.2	77.7	77.7	77.8	78.0	78.0	78.0	78.0	78.0	78.0
59.3	75.0	76.5	77.4	79.9	80.6	81.0	81.6	81.6	81.8	82.0	82.0	82.0	82.0	82.0	82.0
61.0	77.2	78.7	79.5	82.0	82.8	83.3	84.0	84.0	84.3	84.5	84.5	84.5	84.5	84.5	84.5
61.5	78.7	80.5	81.4	83.9	85.0	85.6	86.5	86.5	86.8	87.0	87.0	87.0	87.0	87.0	87.0
61.7	79.9	80.9	81.8	84.3	85.6	86.3	87.5	87.6	87.9	88.1	88.1	88.1	88.1	88.1	88.1
61.7	79.4	81.5	82.4	85.0	86.4	87.0	88.3	88.4	88.6	88.9	88.9	88.9	88.9	88.9	88.9
62.2	80.4	82.6	83.5	86.1	87.5	88.5	89.9	90.0	90.3	90.5	90.5	90.5	90.5	90.5	90.5
62.4	80.9	83.3	84.1	86.9	88.4	89.4	90.8	90.9	91.1	91.5	91.5	91.5	91.5	91.5	91.5
62.5	81.8	84.3	85.1	88.0	89.6	90.8	92.4	92.5	92.8	93.5	93.5	93.6	93.6	93.6	93.6
62.9	81.8	84.3	85.1	88.0	89.6	90.9	92.6	92.8	93.0	94.0	94.0	94.1	94.1	94.1	94.1
62.9	81.9	84.4	85.3	88.1	89.9	91.1	92.9	93.0	93.4	94.6	94.6	94.9	94.9	94.9	94.9
62.9	81.9	84.5	85.4	88.3	90.0	91.3	93.1	93.3	93.6	95.1	95.1	95.4	95.4	95.4	95.4
62.9	82.0	84.6	85.5	88.4	90.1	91.5	93.5	93.6	94.1	96.0	96.0	96.5	96.5	96.5	96.5
62.9	82.0	84.6	85.5	88.4	90.1	91.5	93.5	93.6	94.4	97.3	97.3	98.3	98.3	98.3	98.3
62.9	82.0	84.6	85.5	88.4	90.1	91.5	93.5	93.6	94.4	97.9	98.0	99.1	99.1	99.3	99.3
62.9	82.0	84.6	85.5	88.4	90.1	91.5	93.5	93.6	94.4	97.9	98.0	99.5	99.8	99.9	99.9
62.9	82.0	84.6	85.5	88.4	90.1	91.5	93.5	93.6	94.4	97.9	98.0	99.6	99.9	100.0	100.0
62.9	82.0	84.6	85.5	88.4	90.1	91.5	93.5	93.6	94.4	97.9	98.0	99.6	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

801

1 FEDERAL CLIMATOLOGY BRANCH  
2 CAAFLTAC  
AD- WEATHER SERVICE /MAC

## CEILING VERSUS VISIBILITY

7 2300 SPARREVOHN AFS, AK

73-81

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

1200-1400

30.2	38.6	40.0	40.4	41.7	42.2	42.7	42.3	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1
32.3	42.0	43.5	43.9	45.6	46.1	46.6	46.8	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
35.2	44.8	46.3	46.7	48.4	48.9	49.4	49.6	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
35.2	44.8	46.3	46.7	48.4	48.9	49.4	49.6	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
35.6	45.2	46.7	47.1	48.7	49.2	49.7	50.0	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
37.0	47.0	48.5	48.9	50.5	51.0	51.5	51.8	52.1	52.0	52.0	52.0	52.0	52.0	52.0	52.0
39.0	49.7	51.3	51.6	53.4	53.9	54.4	54.7	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
40.4	51.1	52.7	53.2	54.8	55.3	55.8	56.1	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
44.6	55.7	57.2	57.7	59.3	59.8	60.4	60.6	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
51.4	62.9	64.4	64.9	66.5	67.0	67.6	67.8	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
54.4	66.4	67.9	68.4	70.1	70.6	71.1	71.3	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
57.7	69.9	71.5	72.0	73.6	74.1	74.6	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
58.7	71.7	73.2	73.7	75.4	75.9	76.4	76.6	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
60.7	74.2	75.8	76.3	78.2	78.7	79.2	79.4	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8
62.4	76.1	77.7	78.2	80.1	80.6	81.1	81.3	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7
64.1	78.2	79.9	80.4	82.3	82.8	83.3	83.7	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1
65.5	79.5	81.3	81.9	83.8	84.5	85.0	85.6	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0
65.9	80.4	82.2	82.6	84.7	85.5	86.2	87.1	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6
66.2	80.8	82.6	83.2	85.1	85.9	86.6	87.5	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0
66.5	81.2	83.2	84.0	85.9	86.7	88.1	89.6	90.0	90.4	90.7	90.7	90.7	90.7	90.7	90.7
66.5	81.4	83.5	84.2	86.2	87.1	88.5	90.2	90.8	91.3	91.7	91.7	91.7	91.7	91.7	91.7
66.7	81.8	83.8	84.6	86.6	87.5	89.0	90.8	91.4	92.2	92.6	92.6	92.6	92.6	92.6	92.6
66.9	82.4	84.5	85.2	87.2	88.1	89.6	91.5	92.3	93.4	94.1	94.1	94.1	94.1	94.1	94.1
66.8	82.4	84.6	85.4	87.4	88.3	89.9	91.9	92.7	93.8	94.6	94.6	94.6	94.6	94.6	94.6
66.9	82.6	84.7	85.6	87.8	88.6	90.4	92.4	93.2	94.3	95.2	95.2	95.2	95.2	95.2	95.2
66.8	82.6	84.7	85.6	87.8	88.6	90.4	92.7	93.4	94.7	95.6	95.6	95.6	95.6	95.6	95.6
66.8	82.6	84.8	85.7	87.9	88.8	90.5	93.2	93.9	95.5	96.6	96.6	96.6	96.6	96.6	96.6
66.8	82.6	84.8	85.7	88.0	88.9	90.7	93.4	94.3	96.2	97.9	97.9	98.4	98.4	98.4	98.4
66.8	82.6	84.8	85.7	88.0	88.9	90.7	93.6	94.4	96.3	98.4	98.4	99.0	99.0	99.0	99.0
66.8	82.6	84.8	85.7	88.0	88.9	90.7	93.6	94.4	96.5	98.6	98.6	99.4	99.4	99.5	99.5
66.8	82.6	84.8	85.7	88.0	88.9	90.7	93.6	94.4	96.5	98.6	98.6	99.6	99.6	99.7	99.9
66.9	82.7	85.0	85.9	89.1	89.0	90.8	93.7	94.6	96.6	98.7	98.7	99.7	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 792

GLOBAL CLIMATOLOGY BRANCH  
USAF/ETAC  
AF WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

73-81 SPARREVOHN AFS AK

73-81

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

1500-1700

28.1	41.5	42.7	43.6	44.2	44.6	44.6	45.1	45.1	45.2	45.2	45.2	45.4	45.4	45.4	45.4
29.3	44.0	45.4	46.4	47.2	47.9	47.8	48.2	48.2	48.4	48.4	48.4	48.5	48.5	48.5	48.5
30.3	45.4	46.7	47.8	48.5	49.1	49.1	49.6	49.6	49.7	49.7	49.7	49.9	49.9	49.9	49.9
31.4	45.5	46.9	47.9	48.7	49.3	49.3	49.7	49.7	49.9	49.9	49.9	50.0	50.0	50.0	50.0
30.7	45.8	47.2	48.2	49.0	49.6	49.6	50.0	50.0	50.1	50.1	50.1	50.3	50.3	50.3	50.3
31.5	47.2	48.5	49.6	50.3	50.9	50.9	51.3	51.3	51.5	51.5	51.5	51.6	51.6	51.6	51.6
32.7	49.1	50.4	51.5	52.2	52.8	52.8	53.3	53.3	53.4	53.4	53.4	53.6	53.6	53.6	53.6
33.4	51.4	51.8	52.8	53.6	54.3	54.3	54.6	54.8	54.9	54.9	54.9	55.1	55.1	55.1	55.1
36.3	53.6	55.2	56.3	57.0	57.8	57.8	58.2	58.2	58.4	58.4	58.4	58.5	58.5	58.5	58.5
43.4	61.0	62.7	63.7	64.5	65.2	65.2	65.7	65.7	65.8	65.8	65.8	66.2	66.2	66.2	66.2
46.1	64.3	66.0	67.0	67.8	68.5	68.5	69.0	69.0	69.1	69.1	69.1	69.3	69.3	69.3	69.3
48.1	66.3	67.9	69.0	70.0	70.7	70.7	71.2	71.2	71.3	71.3	71.3	71.5	71.5	71.5	71.5
49.3	67.5	69.1	70.1	71.2	71.9	71.9	72.4	72.4	72.5	72.5	72.5	72.7	72.7	72.7	72.7
50.1	69.1	70.9	71.9	73.0	73.7	73.7	74.2	74.2	74.3	74.3	74.3	74.5	74.5	74.5	74.5
53.7	73.0	74.8	75.6	77.0	77.8	77.8	78.2	78.2	78.4	78.4	78.4	78.5	78.5	78.5	78.5
54.6	74.5	76.9	77.9	79.3	80.0	80.0	80.4	80.4	80.6	80.6	80.6	80.7	80.7	80.7	80.7
56.4	76.6	79.3	80.3	81.6	82.5	82.5	83.0	83.0	83.1	83.3	83.3	83.4	83.4	83.4	83.4
57.2	77.8	80.6	81.9	83.7	84.9	84.9	85.5	85.5	86.3	86.5	86.5	86.6	86.7	86.7	86.7
57.3	77.9	80.7	82.1	84.0	85.2	85.2	86.1	86.1	86.9	87.2	87.2	87.3	87.3	87.3	87.3
57.9	79.4	82.4	84.0	86.0	87.2	88.2	89.1	89.1	89.9	90.1	90.1	90.3	90.3	90.3	90.3
57.9	79.7	82.7	84.3	86.6	87.8	88.8	89.7	90.0	90.7	91.3	91.3	91.5	91.5	91.5	91.5
58.1	79.9	82.8	84.5	86.7	87.9	89.0	90.3	90.6	91.3	92.1	92.1	92.2	92.2	92.2	92.2
58.2	80.3	83.3	84.9	87.2	88.4	89.4	90.7	91.2	92.1	93.0	93.0	93.1	93.1	93.1	93.1
58.2	80.7	83.9	85.5	87.8	89.0	90.0	91.3	91.8	92.7	93.7	93.7	93.9	93.9	93.9	93.9
58.2	81.2	84.3	86.0	88.2	89.4	90.4	91.9	92.4	93.3	94.3	94.3	94.5	94.5	94.5	94.5
58.2	81.2	84.3	86.0	88.2	89.4	90.4	92.1	92.8	94.5	95.7	95.7	95.8	95.8	95.8	95.8
58.2	81.3	84.5	86.1	88.5	89.7	90.7	92.7	93.6	95.4	96.6	96.6	96.7	96.7	96.7	96.7
58.2	81.3	84.6	86.3	88.7	89.9	90.9	93.0	94.2	96.1	98.1	98.1	98.4	98.4	98.4	98.4
58.2	81.3	84.6	86.3	88.7	89.9	90.9	93.0	94.3	96.3	98.7	98.7	99.4	99.4	99.4	99.4
58.2	81.3	84.6	86.3	88.7	89.9	90.9	93.0	94.3	96.3	99.0	99.0	99.7	99.7	99.7	99.7
58.2	81.3	84.6	86.3	88.7	89.9	90.9	93.0	94.3	96.3	99.0	99.0	99.7	99.7	99.7	99.7
58.2	81.3	84.6	86.3	88.7	89.9	90.9	93.0	94.3	96.3	99.0	99.0	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS

67

NOTE: DATA IS ONLY AVAILABLE FOR THE FORM ARE OBSOLETE

0 GLOBAL CLIMATOLOGY BRANCH  
1 USAFETAC  
2 AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

7 2351 SPAREVOHN AFS AK

74-75,78-81

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

1900-2000

21.2	46.7	47.9	48.4	49.2	49.8	50.2	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
22.4	49.8	51.0	51.6	52.5	53.1	53.5	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
23.0	50.4	51.6	52.1	53.1	53.7	54.1	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
23.0	50.4	51.6	52.1	53.1	53.7	54.1	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
23.0	50.4	51.6	52.1	53.1	53.7	54.1	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
23.3	51.0	52.1	52.7	53.7	54.3	54.7	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
24.7	52.7	53.9	54.5	55.4	56.0	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
25.1	53.5	54.7	55.3	56.2	56.8	57.2	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
25.5	55.8	57.0	57.6	58.6	59.1	59.5	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
26.4	63.0	64.2	64.6	65.8	66.3	66.7	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
32.3	66.1	67.3	67.9	68.9	69.5	69.8	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
32.5	66.9	68.9	69.8	70.8	71.4	71.8	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
33.3	68.9	70.8	71.8	73.0	73.5	73.9	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
33.3	69.8	72.2	73.2	74.3	74.9	75.3	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
34.4	71.6	74.1	75.1	76.3	76.8	77.6	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
35.4	74.1	76.7	77.6	79.0	79.6	80.4	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
37.0	76.3	79.2	80.4	81.7	82.3	83.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
37.7	77.6	81.7	82.1	84.2	85.4	86.2	87.4	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
37.7	77.8	80.9	82.3	84.8	86.0	87.2	88.3	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
38.7	79.0	82.3	84.4	87.2	88.5	89.9	91.1	91.4	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
38.7	79.0	82.3	84.4	87.2	88.7	90.1	91.6	92.0	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
38.7	79.2	82.5	84.6	87.4	88.9	90.3	92.0	92.4	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
38.7	79.4	82.7	84.8	87.7	89.3	90.7	92.4	93.2	93.8	93.8	93.8	93.8	93.8	94.0	94.0	94.0
38.7	79.6	82.9	85.0	88.1	89.7	91.1	92.8	93.8	94.4	94.4	94.4	94.4	94.4	94.6	94.6	94.6
38.7	79.8	83.1	85.2	88.5	90.1	91.4	93.2	94.2	94.9	94.9	94.9	94.9	94.9	95.1	95.1	95.1
38.7	80.2	83.5	85.8	89.1	90.7	92.0	93.8	94.7	95.9	95.9	95.9	95.9	96.1	96.3	96.3	96.3
38.7	80.5	83.9	86.2	89.7	91.2	92.6	94.6	95.5	96.7	96.7	96.7	96.7	97.1	97.3	97.3	97.3
38.7	80.5	83.9	86.2	89.7	91.2	92.8	95.1	96.1	97.3	97.5	97.5	97.5	98.1	98.2	98.2	98.2
38.7	80.5	83.9	86.2	89.7	91.2	92.8	95.1	96.1	97.3	98.6	98.6	98.6	99.8	100.0	100.0	100.0
38.7	80.5	83.9	86.2	89.7	91.2	92.8	95.1	96.1	97.3	98.6	98.6	98.6	99.8	100.0	100.0	100.0
38.7	80.5	83.9	86.2	89.7	91.2	92.8	95.1	96.1	97.3	98.6	98.6	98.6	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 514

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AFW WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

7 2350 SPAPREVONH AFS AK

73-51

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

0100-2300

23.3	49.9	51.0	51.0	53.2	53.7	53.7	54.3	54.3	54.6	54.9	54.9	55.2	55.2	55.2	55.2
23.9	52.1	53.2	54.1	55.4	56.1	56.1	56.8	56.8	57.2	57.4	57.4	57.7	57.7	57.7	57.7
24.7	52.3	53.6	54.5	55.7	56.5	56.5	57.2	57.2	57.6	57.7	57.7	58.1	58.1	58.1	58.1
24.0	52.3	53.6	54.5	55.7	56.5	56.5	57.2	57.2	57.6	57.7	57.7	58.1	58.1	58.1	58.1
24.0	52.3	53.6	54.5	55.7	56.5	56.5	57.2	57.2	57.6	57.7	57.7	58.1	58.1	58.1	58.1
24.2	52.6	53.9	54.8	56.1	56.8	56.8	57.6	57.6	57.9	58.1	58.1	58.5	58.5	58.5	58.5
25.0	54.5	55.7	56.6	57.9	56.7	58.7	59.4	59.4	59.7	59.9	59.9	60.3	60.3	60.3	60.3
25.0	55.0	56.3	57.2	58.5	59.2	59.2	59.9	59.9	60.3	60.5	60.5	60.8	60.8	60.8	60.8
26.6	57.6	59.8	59.9	61.2	61.9	61.9	62.7	62.7	63.0	63.2	63.2	63.6	63.6	63.6	63.6
26.6	61.9	63.2	64.3	65.6	66.3	66.3	67.0	67.0	67.4	67.6	67.6	68.1	68.1	68.3	68.3
30.3	65.4	66.9	67.9	69.4	70.1	70.3	71.0	71.0	71.4	71.6	71.6	72.1	72.1	72.3	72.3
32.8	68.9	70.5	71.6	73.0	73.8	74.0	74.9	74.9	75.2	75.4	75.4	76.0	76.0	76.1	76.1
32.9	69.6	71.2	72.3	73.8	74.5	74.7	75.6	75.6	76.0	76.1	76.1	76.7	76.7	76.9	76.9
33.2	71.2	73.6	74.7	76.1	76.9	77.0	78.0	78.0	78.3	78.5	78.5	79.1	79.1	79.2	79.2
33.9	73.2	76.1	77.2	79.9	79.6	80.3	81.2	81.2	81.6	81.8	81.8	82.3	82.3	82.5	82.5
34.2	74.5	77.6	78.7	80.3	81.1	81.8	82.7	82.7	83.1	83.2	83.2	83.8	83.8	84.0	84.0
35.2	76.0	79.4	80.9	82.7	83.4	84.2	85.4	85.4	85.8	86.0	86.0	86.5	86.5	86.7	86.7
36.4	77.2	81.1	82.7	84.9	85.8	86.5	87.8	87.8	88.2	88.3	88.3	88.9	88.9	89.1	89.1
36.4	77.2	81.2	83.4	86.0	86.9	87.6	88.9	88.9	89.3	89.4	89.4	90.0	90.0	90.2	90.2
37.0	78.0	82.1	84.3	87.1	88.0	88.7	90.5	90.5	91.6	91.8	91.8	92.3	92.3	92.5	92.5
37.0	78.5	82.7	85.1	88.0	89.0	89.8	91.8	91.8	92.9	93.3	93.3	93.8	93.8	94.0	94.0
37.0	79.1	83.2	85.6	89.1	90.3	91.1	93.6	93.6	95.1	95.4	95.4	96.0	96.0	96.2	96.2
37.0	79.1	83.4	85.8	89.4	90.7	91.6	94.2	94.2	95.8	96.4	96.4	96.9	96.9	97.1	97.1
37.0	79.1	83.4	85.8	89.4	90.7	91.6	94.4	94.4	96.2	96.7	96.7	97.3	97.3	97.4	97.4
37.0	79.2	83.6	86.0	89.6	90.9	91.8	94.5	94.5	96.4	96.9	96.9	97.4	97.4	97.6	97.6
37.0	79.6	84.0	86.3	90.0	91.3	92.2	95.1	95.1	96.9	97.4	97.4	98.0	98.0	98.2	98.2
37.0	79.6	84.0	86.3	90.0	91.3	92.2	95.1	95.3	97.1	97.6	97.6	98.2	98.2	98.4	98.4
37.0	79.6	84.0	86.3	90.0	91.3	92.2	95.1	95.3	97.1	98.2	98.2	98.9	98.9	99.1	99.1
37.0	79.6	84.0	86.3	90.0	91.3	92.2	95.1	95.3	97.1	98.5	98.5	99.8	99.8	100.0	100.0
37.0	79.6	84.0	86.3	90.0	91.3	92.2	95.1	95.3	97.1	98.5	98.5	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 589

GLOBAL CLIMATOLOGY BRANCH  
AFSTAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

702300 SPAREVJOHN AFS AK

73-81

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

ALL

27.1	45.2	46.6	47.1	48.2	46.6	48.8	49.1	49.3	49.5	49.7	49.7	49.8	49.9	49.9	49.9
28.2	47.4	48.8	49.3	50.6	51.1	51.2	51.6	51.8	52.0	52.1	52.2	52.3	52.3	52.3	52.3
29.2	48.6	50.0	50.6	51.8	52.3	52.5	52.8	53.0	53.2	53.4	53.4	53.5	53.6	53.6	53.6
29.3	48.7	51.1	50.6	51.9	52.4	52.5	52.9	53.1	53.3	53.4	53.5	53.6	53.6	53.6	53.6
29.5	48.9	51.3	50.9	52.1	52.6	52.8	53.1	53.3	53.5	53.7	53.7	53.8	53.9	53.9	53.9
30.1	49.8	51.2	51.8	53.0	53.5	53.6	54.0	54.2	54.4	54.5	54.6	54.7	54.7	54.8	54.8
31.3	52.5	53.9	54.5	55.7	56.2	56.3	56.7	56.9	57.1	57.2	57.3	57.4	57.4	57.5	57.5
32.3	53.3	54.6	55.3	56.6	57.1	57.2	57.7	57.8	58.0	58.2	58.2	58.3	58.4	58.4	58.4
34.4	56.2	57.7	58.2	59.5	60.0	60.1	60.6	60.7	60.9	61.1	61.1	61.2	61.3	61.3	61.3
36.3	61.5	63.7	63.6	64.9	65.4	65.6	66.0	66.1	66.4	66.5	66.5	66.7	66.7	66.7	66.7
40.6	64.6	66.2	66.8	68.1	68.6	68.8	69.3	69.4	69.6	69.8	69.8	70.0	70.0	70.0	70.0
42.7	67.7	69.4	70.1	71.5	72.0	72.2	72.9	73.0	73.2	73.4	73.4	73.6	73.6	73.6	73.6
43.6	69.2	71.1	71.7	73.2	73.7	73.9	74.5	74.7	74.9	75.0	75.1	75.2	75.2	75.3	75.3
44.7	71.0	73.0	73.8	75.3	75.8	76.1	76.8	77.0	77.2	77.4	77.4	77.6	77.6	77.6	77.6
46.3	73.6	75.8	76.6	78.2	78.7	79.1	79.9	80.1	80.3	80.5	80.5	80.6	80.7	80.7	80.7
47.1	75.1	77.6	78.4	80.0	80.6	81.0	81.9	82.1	82.3	82.5	82.5	82.7	82.7	82.8	82.8
48.5	77.2	79.9	81.2	83.0	83.0	84.0	85.1	85.3	85.6	85.8	85.8	85.9	86.0	86.0	86.0
49.1	78.1	80.9	82.3	84.5	85.3	85.8	87.1	87.3	87.7	87.9	87.9	88.1	88.1	88.2	88.2
49.5	78.9	81.9	83.7	86.2	87.1	88.0	89.8	90.0	90.6	90.8	90.8	91.0	91.1	91.1	91.1
49.5	79.2	82.3	84.1	86.7	87.7	88.7	90.7	91.0	91.7	92.1	92.1	92.3	92.4	92.4	92.4
49.6	79.7	82.9	84.7	87.6	88.6	89.8	92.0	92.3	93.4	93.9	93.9	94.1	94.1	94.2	94.2
49.7	79.9	83.2	85.1	87.9	89.0	90.2	92.6	93.0	94.2	94.8	94.8	95.1	95.2	95.3	95.3
49.7	80.0	83.4	85.2	88.1	89.1	90.5	92.9	93.4	94.7	95.4	95.4	95.6	95.7	95.8	95.8
49.7	80.1	83.5	85.4	88.3	89.4	90.8	93.3	93.7	95.1	95.9	95.9	96.2	96.3	96.3	96.3
49.7	80.2	83.6	85.5	88.4	89.5	90.9	93.6	94.0	95.6	96.4	96.5	96.8	96.9	96.9	96.9
49.7	80.2	83.7	85.6	88.6	89.6	91.1	93.9	94.4	96.1	97.0	97.0	97.4	97.5	97.6	97.6
49.7	80.2	83.7	85.6	88.6	89.7	91.1	94.0	94.6	96.4	98.0	98.1	99.0	99.1	99.3	99.3
49.7	80.2	83.7	85.6	88.6	89.7	91.1	94.0	94.6	96.4	98.1	98.2	99.3	99.4	99.7	99.7
49.7	80.2	83.7	85.6	88.6	89.7	91.1	94.0	94.6	96.4	98.1	98.2	99.3	99.5	99.8	99.9
49.7	80.3	83.7	85.6	88.6	89.7	91.2	94.0	94.6	96.4	98.2	98.3	99.3	99.5	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 563

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

7 7307 SPAREVOHN AFS AK

73-01

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE  
 FROM HOURLY OBSERVATIONS

1000-1200

41.2	57.1	57.1	57.5	57.7	57.7	57.8	58.1	58.2	58.6	59.6	59.6	59.7	59.7	59.7	59.7
42.5	58.7	58.7	59.1	59.3	59.3	59.4	59.7	59.8	60.2	61.2	61.2	61.4	61.4	61.4	61.4
43.1	60.3	60.3	60.3	60.9	60.9	61.1	61.4	61.5	61.8	62.8	62.8	63.2	63.2	63.2	63.2
43.1	60.3	60.3	60.8	60.9	60.9	61.1	61.4	61.5	61.8	62.8	62.8	63.2	63.2	63.2	63.2
43.7	60.9	60.9	61.4	61.5	61.5	61.7	61.9	62.1	62.4	63.4	63.4	63.6	63.6	63.6	63.6
43.7	61.4	61.4	61.8	61.9	61.9	62.1	62.4	62.5	62.8	63.9	63.9	64.5	64.5	64.5	64.5
44.7	63.4	63.4	64.0	64.2	64.2	64.3	64.6	64.7	65.0	66.1	66.1	66.7	66.7	66.7	66.7
44.7	63.9	64.0	64.5	64.6	64.6	64.7	65.0	65.2	65.5	66.5	66.5	67.1	67.1	67.1	67.1
46.3	67.6	67.7	68.3	68.4	68.4	68.6	68.9	69.0	69.3	70.4	70.4	70.9	70.9	70.9	70.9
48.2	71.7	71.8	72.4	72.6	72.6	72.7	73.0	73.2	73.5	74.5	74.5	75.1	75.1	75.1	75.1
48.6	73.9	74.0	74.6	75.1	75.1	75.2	75.5	75.7	76.0	77.0	77.0	77.5	77.6	77.6	77.6
50.1	76.5	77.1	78.2	78.6	78.6	78.8	79.1	79.2	79.5	80.5	80.5	81.1	81.1	81.1	81.1
50.6	77.9	78.5	79.6	80.1	80.1	80.2	80.5	80.7	81.0	82.0	82.0	82.6	82.6	82.6	82.6
51.6	79.5	80.2	81.3	81.9	81.9	82.3	82.6	82.7	83.0	84.2	84.2	84.8	84.8	84.8	84.8
52.1	80.2	81.6	82.6	83.3	83.3	84.1	84.5	84.7	85.0	86.1	86.1	86.7	86.7	86.7	86.7
53.1	81.7	83.0	84.2	85.1	85.3	86.6	87.1	87.2	87.5	88.6	88.6	89.2	89.2	89.2	89.2
53.7	82.9	84.2	85.7	86.6	86.7	88.1	88.5	88.6	88.9	90.1	90.1	90.7	90.7	90.7	90.7
53.7	82.9	85.1	86.4	87.8	87.9	89.4	90.3	90.4	90.7	91.9	91.9	92.5	92.5	92.5	92.5
53.7	83.2	85.5	87.2	88.5	88.6	90.1	91.0	91.2	91.4	92.6	92.6	93.2	93.2	93.2	93.2
53.7	83.2	85.8	87.5	89.2	89.4	91.0	92.3	92.5	92.9	94.2	94.2	94.8	94.8	94.8	94.8
53.6	83.3	86.4	88.5	90.4	90.6	92.2	93.7	94.0	94.4	95.9	95.9	96.6	96.6	96.6	96.6
54.3	83.8	87.1	89.2	91.2	91.3	93.2	94.7	95.0	95.7	97.9	97.9	98.7	98.7	98.7	98.7
54.3	83.9	87.2	89.4	91.3	91.4	93.4	94.8	95.1	96.0	98.4	98.4	99.1	99.1	99.1	99.1
54.3	83.9	87.2	89.4	91.3	91.4	93.4	94.8	95.1	96.0	98.4	98.4	99.1	99.1	99.1	99.1
54.3	83.9	87.2	89.4	91.3	91.4	93.7	95.3	95.6	96.5	99.0	99.0	99.7	99.7	99.7	99.7
54.3	83.9	87.2	89.4	91.3	91.4	93.7	95.3	95.6	96.5	99.0	99.0	99.7	99.7	99.7	99.7
54.3	83.9	87.2	89.4	91.3	91.4	93.7	95.3	95.6	96.5	99.0	99.0	99.7	99.7	99.7	99.7
54.3	83.9	87.2	89.4	91.3	91.4	93.7	95.3	95.6	96.5	99.0	99.0	99.7	99.7	99.7	99.7
54.3	83.9	87.2	89.4	91.3	91.4	93.7	95.3	95.6	96.5	99.0	99.0	99.7	99.7	99.7	99.7
54.3	83.9	87.2	89.4	91.3	91.4	93.7	95.3	95.6	96.5	99.0	99.0	99.7	99.7	99.7	99.7
54.3	83.9	87.2	89.4	91.3	91.4	93.7	95.3	95.6	96.5	99.0	99.0	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS

672

CLIMATE CLIMATOLOGY BRANCH  
 USAF DTIC  
 AIR WEATHER SERVICE / PAC

# CEILING VERSUS VISIBILITY

73-81 SPAREBORN AFS, AK

73-81

73-81

PERCENTAGE FREQUENCY OF OCCURRENCE  
 FROM HOURLY OBSERVATIONS

73-81

57.6	58.3	58.4	58.7	58.8	58.8	58.8	58.9	58.9	59.0	59.5	59.7	59.9	59.9	59.9	59.9
58.8	59.5	59.6	59.9	60.3	60.3	60.3	60.5	60.5	61.2	61.3	61.4	61.4	61.4	61.4	61.4
60.5	61.2	61.3	61.6	62.0	62.0	62.0	62.1	62.1	62.1	63.0	63.0	63.1	63.1	63.1	63.1
61.3	61.3	61.4	61.7	62.1	62.1	62.3	62.3	63.1	63.1	63.2	63.2	63.2	63.2	63.2	63.2
61.2	61.9	62.0	62.3	62.7	62.7	62.8	62.8	63.7	63.7	63.8	63.8	63.8	63.8	63.8	63.8
61.3	62.0	62.1	62.4	62.8	62.8	63.0	63.0	63.6	63.6	63.9	63.9	63.9	63.9	63.9	63.9
63.2	63.9	64.1	64.4	64.3	64.8	64.8	64.9	64.9	66.0	66.0	66.2	66.2	66.2	66.2	66.2
63.5	64.2	64.4	64.6	65.0	65.0	65.0	65.2	65.2	66.3	66.3	66.4	66.4	66.4	66.4	66.4
67.7	68.4	68.5	68.9	69.3	69.3	69.3	69.5	69.5	70.7	70.7	70.9	70.9	70.9	70.9	70.9
71.7	72.4	72.5	73.0	73.5	73.5	73.5	73.6	73.6	74.9	74.9	75.0	75.0	75.0	75.0	75.0
73.1	73.8	73.9	74.8	75.3	75.3	75.3	75.5	75.5	76.7	76.7	76.8	76.8	76.8	76.8	76.8
77.4	78.1	78.2	79.1	79.6	79.6	79.6	79.8	79.8	81.0	81.0	81.1	81.1	81.1	81.1	81.1
78.6	79.6	79.8	80.6	81.1	81.1	81.1	81.3	81.3	82.5	82.5	82.7	82.7	82.7	82.7	82.7
80.6	82.0	82.5	83.4	84.0	84.2	84.2	84.3	84.3	85.6	85.6	85.7	85.7	85.7	85.7	85.7
81.7	83.4	83.9	84.7	85.4	85.6	85.7	85.9	85.9	87.1	87.1	87.2	87.2	87.2	87.2	87.2
82.8	84.7	85.3	86.3	87.1	87.4	87.5	87.7	87.7	88.9	88.9	89.0	89.0	89.0	89.0	89.0
83.1	85.4	86.1	87.5	88.5	88.9	89.2	89.3	89.3	90.6	90.6	90.7	90.7	90.7	90.7	90.7
83.5	86.2	87.1	88.9	89.9	90.4	91.5	91.7	91.7	92.9	92.9	93.1	93.1	93.1	93.1	93.1
83.6	86.7	87.8	89.7	90.8	91.4	92.5	92.6	92.6	93.9	93.9	94.0	94.0	94.0	94.0	94.0
84.0	87.2	88.3	90.7	92.1	92.9	94.2	94.3	94.5	95.7	95.7	95.8	95.8	95.8	95.8	95.8
84.5	87.2	88.3	90.8	92.2	93.3	94.6	95.1	95.4	97.1	97.1	97.2	97.2	97.2	97.2	97.2
84.3	87.5	88.6	91.1	92.5	93.6	94.9	95.4	96.0	98.2	98.2	98.3	98.3	98.3	98.3	98.3
84.3	87.5	88.6	91.1	92.5	93.6	94.9	95.4	96.7	98.9	98.9	99.0	99.0	99.0	99.0	99.0
84.3	87.5	88.6	91.1	92.5	93.6	94.9	95.4	96.7	98.9	98.9	99.0	99.0	99.0	99.0	99.0
84.3	87.5	88.6	91.1	92.5	93.6	94.9	95.4	96.7	98.9	98.9	99.0	99.0	99.0	99.0	99.0
84.5	87.7	88.8	91.3	92.6	93.8	95.0	95.6	96.8	99.0	99.0	99.2	99.2	99.2	99.2	99.2
84.5	87.7	88.8	91.3	92.6	93.8	95.0	95.6	96.8	99.2	99.2	99.7	99.7	99.7	99.7	99.7
84.5	87.7	88.8	91.3	92.6	93.8	95.0	95.6	96.8	99.2	99.2	99.7	99.7	99.7	99.7	99.7
84.5	87.7	88.8	91.3	92.6	93.8	95.0	95.6	96.8	99.2	99.2	99.7	99.7	99.7	99.7	99.7
84.5	87.7	88.8	91.3	92.6	93.8	95.0	95.6	96.8	99.2	99.2	99.7	99.7	99.7	99.7	99.7
84.5	87.7	88.8	91.3	92.6	93.8	95.0	95.6	96.8	99.2	99.2	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 771

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

72355 SPARREVOHN AFS AK

73-81

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE  
 FROM HOURLY OBSERVATIONS

400-1000

32.4	53.1	54.2	54.2	55.0	55.3	55.5	55.5	55.5	55.8	55.9	55.9	56.6	56.5	56.8	56.1
32.1	53.2	54.4	54.9	55.7	55.9	56.2	56.2	56.2	56.5	56.5	56.6	57.3	57.3	57.4	57.4
39.5	55.4	56.5	56.5	57.3	57.6	57.8	57.8	57.8	58.2	58.4	58.4	59.1	59.1	59.2	59.2
39.7	55.5	56.6	56.6	57.4	57.7	58.0	58.0	58.0	58.4	58.5	58.5	59.2	59.2	59.3	59.3
40.0	55.8	56.9	56.9	57.7	58.0	58.2	58.2	58.2	58.6	58.8	58.8	59.5	59.5	59.6	59.6
41.3	56.1	57.2	57.2	58.0	58.2	58.5	58.5	58.5	58.9	59.1	59.1	59.7	59.7	59.9	59.9
41.1	56.3	59.1	59.1	59.9	60.1	60.4	60.5	60.5	60.9	61.1	61.1	61.8	61.8	61.9	61.9
41.5	56.4	59.5	59.5	60.3	60.5	60.8	60.9	60.9	61.4	61.5	61.5	62.2	62.2	62.3	62.3
43.4	61.5	62.7	62.7	63.5	63.8	64.1	64.2	64.2	64.6	64.9	64.9	65.5	65.5	65.7	65.7
45.2	65.7	66.9	67.0	67.8	68.1	68.4	68.5	68.5	68.9	69.2	69.2	69.9	69.9	70.0	70.0
47.7	68.5	69.9	70.0	70.8	71.1	71.4	71.5	71.5	71.9	72.2	72.2	72.8	72.8	73.0	73.0
51.1	73.4	74.5	74.9	75.7	75.9	76.2	76.4	76.4	76.8	77.0	77.0	77.7	77.7	77.8	77.8
52.6	75.3	76.8	77.0	77.8	78.1	78.4	78.5	78.5	78.9	79.2	79.2	79.9	79.9	80.0	80.0
53.6	77.5	79.5	79.7	80.5	80.8	81.1	81.2	81.2	81.6	81.9	81.9	82.6	82.6	82.7	82.7
54.7	79.5	81.5	81.8	82.6	82.8	83.1	83.2	83.2	83.6	83.9	83.9	84.7	84.7	84.9	84.9
55.4	80.3	82.6	82.8	83.8	84.1	84.3	84.7	84.7	85.1	85.4	85.4	86.2	86.2	86.4	86.4
56.1	81.8	84.7	85.3	86.4	86.8	87.0	87.6	87.6	88.0	88.2	88.2	89.1	89.1	89.2	89.2
56.1	82.6	85.9	86.8	88.2	88.6	89.3	90.1	90.3	90.7	90.9	90.9	91.8	91.8	91.9	91.9
56.1	82.7	86.2	87.0	88.6	89.2	90.1	91.4	91.6	92.0	92.3	92.3	93.1	93.1	93.2	93.2
56.1	83.1	86.6	87.6	89.3	89.9	90.9	92.6	93.0	93.5	93.8	93.8	94.6	94.6	94.7	94.7
56.1	83.2	86.8	87.8	89.9	90.4	92.2	94.2	94.6	95.3	95.5	95.5	96.4	96.4	96.5	96.5
56.1	83.4	86.9	88.0	90.1	90.7	92.4	94.5	94.9	95.7	96.1	96.1	96.9	96.9	97.0	97.0
56.1	83.4	86.9	88.0	90.1	90.7	92.4	94.7	95.3	96.2	96.6	96.6	97.4	97.4	97.5	97.5
56.1	83.4	86.9	88.0	90.1	90.7	92.4	94.9	95.4	96.4	96.9	97.3	97.8	97.8	98.0	98.0
56.1	83.4	87.0	88.1	90.3	90.8	92.7	95.1	95.7	96.6	97.2	97.4	98.2	98.2	98.4	98.4
56.1	83.4	87.0	88.1	90.3	90.8	92.7	95.1	95.8	96.8	97.3	97.7	98.5	98.5	98.6	98.6
56.1	83.4	87.0	88.1	90.3	90.8	92.7	95.1	95.8	96.8	97.4	97.8	98.6	98.9	99.1	99.1
56.1	83.4	87.0	88.1	90.3	90.8	92.8	95.3	95.9	97.0	97.8	98.2	99.1	99.3	99.5	99.5
56.1	83.4	87.0	88.1	90.3	90.8	92.8	95.3	95.9	97.0	98.1	98.5	99.6	99.9	100.0	100.0
56.1	83.4	87.0	88.1	90.3	90.8	92.8	95.3	95.9	97.0	98.1	98.5	99.6	99.9	100.0	100.0
56.1	83.4	87.0	88.1	90.3	90.8	92.8	95.3	95.9	97.0	98.1	98.5	99.6	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

787

CEILING VISIBILITY MATCH  
 GRAFSTAT  
 AIR WEATHER SERVICE/HAC

# CEILING VERSUS VISIBILITY

7 07 00 00 PARREVOAN AFB, AK

73-81

55

PERCENTAGE FREQUENCY OF OCCURRENCE  
 FROM HOURLY OBSERVATIONS

01-1-1-1-1

41.3	50.7	51.4	50.4	51.8	51.6	51.5	52.3	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
41.8	50.7	51.1	51.1	51.5	51.6	52.1	52.9	52.9	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
43.9	53.2	53.6	53.6	54.0	54.3	54.8	55.6	55.7	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
44.3	53.6	54.0	54.0	54.4	54.7	55.2	56.0	56.3	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
44.8	54.1	54.5	54.5	54.9	55.2	55.7	56.6	56.9	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
45.1	54.4	54.9	54.9	55.3	55.6	56.3	57.1	57.4	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
46.7	55.5	55.9	55.9	56.4	56.7	57.4	58.2	58.4	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
47.2	56.8	57.2	57.2	57.8	58.1	58.7	59.5	59.8	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
50.7	61.1	61.5	61.6	62.2	62.4	63.1	63.9	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
54.9	65.9	66.6	66.7	67.2	67.5	68.2	69.0	69.3	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
56.5	68.4	69.1	69.4	69.9	70.2	70.9	71.7	71.9	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
60.8	73.0	73.7	73.9	74.5	74.7	75.4	76.2	76.5	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
62.6	74.7	75.5	75.6	76.3	76.6	77.3	78.1	78.3	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
65.9	78.9	79.6	80.1	80.6	80.9	81.6	82.6	82.9	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
67.0	80.9	81.6	82.1	82.6	83.3	84.2	85.3	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
67.8	82.2	83.3	83.6	84.4	85.0	86.0	86.8	87.0	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
68.6	83.4	84.6	84.9	85.1	86.0	87.8	88.8	89.7	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
69.4	84.9	86.4	86.6	88.1	88.8	90.0	90.9	91.2	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
69.4	84.9	86.5	86.9	88.2	88.9	90.1	91.0	91.3	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
70.1	85.6	87.3	87.6	89.6	90.2	92.0	93.2	93.6	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
70.1	85.7	87.4	88.0	89.7	90.6	92.4	93.6	94.0	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
70.1	85.7	87.6	88.2	90.1	91.1	92.9	94.1	94.5	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
70.1	85.7	87.6	88.2	90.1	91.0	92.9	94.1	94.5	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
70.1	85.7	87.6	88.2	90.2	91.2	93.0	94.5	94.9	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
70.1	85.7	87.6	88.2	90.2	91.2	93.0	94.5	94.9	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
70.1	85.7	87.6	88.2	90.2	91.2	93.0	94.7	95.1	95.9	96.7	96.9	97.9	98.5	98.7	98.7	98.7	98.7
70.1	85.7	87.6	88.2	90.2	91.2	93.0	94.7	95.1	95.9	96.7	97.3	97.6	98.5	98.7	98.7	98.7	98.7
70.1	85.7	87.6	88.2	90.2	91.2	93.0	94.7	95.1	96.0	97.6	98.0	99.1	99.3	99.3	99.3	99.3	99.3
70.1	85.7	87.6	88.2	90.2	91.2	93.0	94.7	95.1	96.0	97.6	98.0	99.2	99.5	99.5	99.5	99.5	99.5
70.1	85.7	87.6	88.2	90.2	91.2	93.0	94.7	95.1	96.0	97.6	98.0	99.2	99.5	99.5	99.5	99.5	99.5

TOTAL NUMBER OF OBSERVATIONS 740



U.S. AIR FORCE WEATHER SERVICE/AFAC  
 GRAFELTAD

# CEILING VERSUS VISIBILITY

73-1700 324-REV 00N AFS AK

73-81

FEF

PERCENTAGE FREQUENCY OF OCCURRENCE  
 FROM HOURLY OBSERVATIONS

73-1700

41.3	51.3	57.4	55.7	57.9	55.9	51.4	51.7	51.7	51.7	51.9	51.9	52.0	52.7	52.7	52.7
42.3	51.3	51.4	51.7	51.9	51.9	52.5	52.3	52.9	52.8	52.9	52.9	53.0	53.0	53.0	53.3
43.5	53.3	53.5	53.8	53.9	53.9	54.5	54.8	54.8	54.8	54.9	54.9	55.1	55.1	55.1	55.4
44.7	54.1	54.2	54.5	54.6	54.6	55.2	55.5	55.5	55.5	55.7	55.7	55.9	55.9	55.9	56.1
44.8	54.3	54.5	54.9	55.1	55.1	55.7	55.9	55.9	55.9	56.1	56.1	56.2	56.2	56.2	56.5
45.9	55.9	55.5	57.0	57.1	57.1	57.8	58.1	58.1	58.3	58.4	58.4	58.6	58.6	58.6	58.8
46.1	57.1	57.7	58.1	58.3	58.3	59.0	59.3	59.3	59.4	59.5	59.6	59.7	59.7	59.7	60.0
47.4	57.8	58.4	58.8	59.0	59.0	59.7	60.0	60.0	60.1	60.3	60.3	60.4	60.4	60.4	60.7
51.1	61.9	61.4	61.9	62.0	62.0	62.5	63.0	63.0	63.2	63.3	63.3	63.5	63.5	63.5	63.8
55.8	68.3	67.8	69.3	69.4	69.4	70.1	70.4	70.4	70.5	70.7	70.7	70.9	70.9	70.9	71.0
58.7	69.7	70.3	70.7	70.9	70.9	71.6	71.9	71.9	72.0	72.2	72.2	72.3	72.3	72.3	72.5
61.7	75.5	76.2	76.8	77.7	77.0	77.7	78.0	78.0	78.1	78.3	78.3	78.4	78.4	78.4	78.7
63.7	77.7	78.6	79.3	79.4	79.4	80.1	80.4	80.4	80.6	80.7	80.7	80.9	80.9	80.9	81.2
86.2	80.4	81.4	82.3	82.5	82.5	83.2	83.5	83.5	83.6	83.8	83.8	84.1	84.1	84.1	84.3
87.5	92.3	83.3	84.2	84.6	84.5	85.4	85.7	85.5	85.9	86.2	86.2	86.7	86.7	86.7	87.0
88.1	83.5	84.9	86.2	87.1	87.1	87.8	88.3	88.4	88.6	88.8	88.8	89.3	89.3	89.3	89.6
77.5	85.4	87.0	88.3	89.1	89.1	90.1	90.6	90.7	90.9	91.2	91.2	91.6	91.6	91.6	91.9
71.6	87.1	88.8	90.1	91.0	91.0	92.3	92.8	92.9	93.0	93.3	93.3	93.8	93.8	93.8	94.1
71.7	87.2	89.0	90.4	91.3	91.4	92.8	93.3	93.5	93.6	93.9	93.9	94.3	94.3	94.3	94.6
72.5	88.3	90.0	91.4	92.3	92.5	93.9	94.5	94.6	94.9	95.2	95.2	95.7	95.7	95.7	95.9
72.5	88.3	90.0	91.4	92.3	92.5	93.9	94.5	94.6	95.1	95.4	95.4	95.8	95.8	95.8	96.1
72.6	88.3	90.1	91.7	92.6	92.6	94.2	95.4	95.5	96.2	96.5	96.5	97.0	97.0	97.0	97.2
72.6	88.3	90.1	91.7	92.6	92.6	94.2	95.4	95.5	96.5	97.0	97.0	97.4	97.4	97.4	97.7
72.5	88.3	90.1	91.7	92.6	92.8	94.2	95.4	95.5	96.5	97.0	97.0	97.4	97.4	97.4	97.7
72.6	88.4	90.3	91.9	92.8	92.8	94.3	95.5	95.7	96.7	97.1	97.1	97.5	97.5	97.5	97.8
72.5	88.4	90.3	91.9	92.8	92.9	94.3	95.5	95.8	96.8	97.4	97.4	97.8	97.8	97.8	98.1
72.6	88.4	90.3	91.9	92.8	92.9	94.3	95.5	95.8	96.8	97.5	97.7	98.1	98.1	98.1	98.4
72.5	88.4	90.3	91.9	92.8	92.9	94.3	95.5	95.8	97.2	98.6	98.7	99.1	99.1	99.1	99.4
72.6	88.4	90.3	91.9	92.8	92.9	94.3	95.5	95.8	97.2	98.7	98.8	99.6	99.6	99.6	99.9
72.5	88.4	90.3	91.9	92.8	92.9	94.3	95.5	95.8	97.2	98.7	98.8	99.7	99.7	99.7	100.0
72.6	88.4	90.3	91.9	92.8	92.9	94.3	95.5	95.8	97.2	98.7	98.8	99.7	99.7	99.7	100.0
72.6	88.4	90.3	91.9	92.8	92.9	94.3	95.5	95.8	97.2	98.7	98.8	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 600

73-75, 77-81

7.75 SPARGENOVAN AFS JK

F L 3

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

19-2-1-32

37.6	52.7	53.8	54.5	54.7	54.2	54.9	54.9	54.9	55.1	55.5	55.5	55.5	55.5	55.5	55.9
37.8	54.4	55.5	55.7	55.9	55.9	56.5	56.5	56.5	56.8	57.2	57.2	57.2	57.2	57.2	57.6
38.2	55.9	57.0	57.2	57.4	57.4	58.0	58.0	58.0	58.2	58.5	58.5	58.5	58.5	58.5	58.9
38.2	56.5	57.6	57.8	58.0	58.0	58.6	58.6	58.6	58.9	59.3	59.3	59.3	59.3	59.3	59.7
38.3	57.2	58.2	58.4	58.6	58.6	59.3	59.3	59.3	59.5	59.9	59.9	59.9	59.9	59.9	60.3
38.3	57.2	58.2	58.4	58.6	58.6	59.3	59.3	59.3	59.7	60.1	60.1	60.1	60.1	60.5	61.0
38.7	58.2	59.3	59.5	59.7	59.7	60.3	60.3	60.3	60.8	61.2	61.2	61.2	61.2	61.5	62.0
38.7	59.1	60.1	60.3	60.5	60.5	61.2	61.2	61.2	61.6	62.0	62.0	62.0	62.0	62.4	62.9
40.7	61.4	62.4	62.7	62.9	62.9	63.5	63.5	63.5	63.9	64.3	64.3	64.3	64.3	64.8	65.2
40.8	62.2	70.7	70.9	71.1	71.1	71.7	71.7	71.7	72.4	72.6	72.6	72.6	72.6	73.2	73.6
46.4	71.1	72.4	73.5	73.7	73.2	73.8	73.5	73.0	74.5	74.9	74.9	74.9	74.9	75.3	75.7
46.8	73.0	74.9	75.1	75.5	75.5	76.2	76.2	76.2	76.3	77.2	77.2	77.2	77.2	77.6	78.1
47.7	74.1	75.9	76.4	77.0	77.0	77.5	77.6	77.5	78.3	78.7	78.7	78.7	78.7	79.1	79.5
47.9	75.9	78.5	79.1	80.2	80.2	80.8	80.8	80.8	81.4	81.9	81.9	81.9	81.9	82.3	82.7
48.7	78.1	81.6	81.4	82.7	82.7	83.3	83.3	83.3	84.0	84.4	84.4	84.4	84.4	84.8	85.2
50.0	79.3	81.6	82.7	84.8	84.8	85.7	85.9	85.9	86.5	86.7	86.9	86.9	86.9	87.3	87.8
50.4	80.6	83.3	84.4	86.5	86.7	87.8	88.2	88.2	88.8	89.2	89.2	89.2	89.2	89.7	90.1
50.6	81.4	84.4	85.7	88.4	88.8	90.3	90.7	90.7	91.4	91.8	91.8	91.8	91.8	92.2	92.6
51.1	81.9	84.6	86.5	89.5	89.9	91.4	92.0	92.0	92.8	93.2	93.2	93.2	93.2	93.7	94.1
51.3	82.3	85.7	87.3	90.5	90.9	92.4	93.0	93.0	93.9	94.3	94.3	94.3	94.3	94.7	95.1
51.3	82.3	85.9	87.6	90.7	91.1	92.6	93.7	93.7	94.5	94.9	94.9	94.9	94.9	95.4	95.8
51.3	82.5	86.5	88.2	91.4	91.5	93.2	94.5	94.5	95.6	96.0	96.0	96.0	96.0	96.4	96.8
51.5	82.7	86.7	88.4	91.6	92.0	93.5	94.7	94.7	95.8	96.2	96.2	96.2	96.2	96.6	97.0
51.7	82.9	86.9	88.6	91.8	92.2	93.7	94.9	94.9	96.0	96.4	96.4	96.4	96.4	96.8	97.3
51.7	82.9	86.9	88.6	91.8	92.2	93.7	94.9	94.9	96.0	96.4	96.4	96.4	96.4	96.8	97.3
51.7	82.9	86.9	88.6	91.8	92.2	93.7	94.9	94.9	96.2	96.6	96.6	96.6	96.6	97.3	97.7
51.7	82.9	86.9	88.6	91.8	92.2	93.7	94.9	95.1	96.6	97.0	97.0	97.0	97.0	97.7	98.1
51.7	82.9	86.9	88.6	91.8	92.2	93.7	94.9	95.1	96.6	97.7	97.9	98.1	98.1	98.7	99.2
51.7	82.9	86.9	88.6	91.8	92.2	93.7	94.9	95.1	96.6	97.7	97.9	98.7	98.7	99.4	99.8
51.7	82.9	86.9	88.6	91.8	92.2	93.7	94.9	95.1	96.6	97.7	97.9	98.7	98.7	99.4	99.8
51.7	82.9	86.9	88.6	91.8	92.2	93.7	94.9	95.1	96.6	97.9	98.1	98.9	98.9	99.6	100.0
51.7	82.9	86.9	88.6	91.8	92.2	93.7	94.9	95.1	96.6	97.9	98.1	98.9	98.9	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 474



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/HAC

## CEILING VERSUS VISIBILITY

7 2300 SPARREVONH AFS AK

73-61

FEA

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

ALL

39.6	52.9	53.4	53.6	53.9	54.1	54.6	54.3	54.8	55.3	55.4	55.4	55.6	55.6	55.7	55.7
40.5	54.1	54.6	54.8	55.2	55.3	55.8	56.0	56.1	56.3	56.7	56.7	56.9	56.9	56.9	57.1
41.4	55.7	56.5	56.7	57.1	57.2	57.7	57.9	58.1	58.3	58.7	58.7	58.9	58.9	58.9	59.1
41.7	56.4	56.9	57.2	57.5	57.6	58.1	58.4	58.5	58.7	59.1	59.1	59.3	59.3	59.3	59.4
42.2	56.9	57.4	57.7	58.0	58.1	58.7	58.9	59.1	59.2	59.6	59.6	59.8	59.8	59.9	59.9
42.6	57.5	58.1	58.3	58.6	58.8	59.4	59.6	59.7	60.0	60.3	60.3	60.7	60.7	60.7	60.8
43.6	59.1	59.7	59.9	60.3	60.4	61.0	61.2	61.3	61.6	62.0	62.0	62.4	62.4	62.4	62.5
44.2	59.9	60.4	60.7	61.0	61.2	61.8	62.0	62.1	62.4	62.8	62.8	63.1	63.1	63.2	63.3
46.3	63.2	63.8	64.1	64.4	64.6	65.2	65.4	65.5	65.8	66.2	66.2	66.6	66.6	66.6	66.7
50.3	69.7	69.4	69.7	70.0	70.2	70.8	71.1	71.1	71.4	71.9	71.9	72.2	72.2	72.3	72.3
51.5	73.7	71.4	71.7	72.2	72.4	72.9	73.2	73.3	73.6	74.1	74.1	74.4	74.4	74.5	74.6
54.1	74.8	75.7	76.1	76.5	76.8	77.3	77.6	77.9	78.1	78.5	78.5	78.9	78.9	78.9	79.1
55.3	76.3	77.4	77.8	78.3	78.6	79.1	79.4	79.5	79.8	80.3	80.3	80.6	80.6	80.7	80.8
56.9	79.0	80.3	80.9	81.4	81.7	82.4	82.6	82.8	83.1	83.6	83.6	83.9	83.9	84.0	84.1
57.8	80.5	82.1	82.5	83.2	83.6	84.3	84.6	84.7	85.1	85.6	85.6	86.0	86.0	86.1	86.2
58.6	81.6	83.2	83.9	84.8	85.3	86.1	86.5	86.7	87.0	87.6	87.6	88.0	88.0	88.1	88.1
59.2	82.8	84.6	85.5	86.6	87.1	88.0	88.5	88.7	89.0	89.6	89.6	90.0	90.0	90.1	90.2
59.6	83.7	85.9	87.0	88.4	88.9	90.1	90.9	91.1	91.4	92.0	92.0	92.5	92.5	92.6	92.6
59.6	83.9	86.3	87.4	88.9	89.5	91.8	91.6	91.8	92.2	92.8	92.8	93.2	93.2	93.3	93.4
59.9	84.4	87.0	88.2	89.9	90.6	92.1	93.1	93.4	93.8	94.4	94.4	94.9	94.9	95.0	95.1
60.0	84.6	87.3	88.6	90.4	91.2	92.7	94.0	94.3	94.8	95.5	95.5	96.1	96.1	96.2	96.2
60.1	84.7	87.6	88.9	90.9	91.6	93.3	94.6	94.9	95.6	96.5	96.5	97.1	97.1	97.2	97.2
60.1	84.7	87.6	89.0	91.9	91.7	93.3	94.7	95.3	95.9	96.9	96.9	97.5	97.5	97.5	97.6
60.2	84.8	87.7	89.1	91.0	91.7	93.4	94.8	95.1	96.0	97.0	97.1	97.6	97.6	97.7	97.8
60.2	84.8	87.7	89.1	91.0	91.8	93.5	94.9	95.3	96.2	97.2	97.3	97.8	97.8	97.9	98.0
60.2	84.8	87.8	89.1	91.0	91.8	93.5	95.0	95.4	96.3	97.4	97.5	98.1	98.1	98.2	98.2
60.2	84.8	87.8	89.1	91.1	91.8	93.5	95.0	95.5	96.4	97.6	97.8	98.4	98.5	98.6	98.7
60.2	84.9	87.8	89.1	91.1	91.9	93.6	95.1	95.5	96.6	98.1	98.3	99.0	99.1	99.2	99.3
60.2	84.9	87.8	89.1	91.1	91.9	93.6	95.1	95.5	96.6	98.3	98.5	99.3	99.4	99.5	99.6
60.2	84.9	87.8	89.1	91.1	91.9	93.6	95.1	95.5	96.6	98.3	98.5	99.4	99.6	99.8	99.8
60.2	84.9	87.8	89.1	91.1	91.9	93.6	95.1	95.5	96.6	98.4	98.6	99.5	99.6	99.9	100.0
60.2	84.9	87.8	89.1	91.1	91.9	93.6	95.1	95.5	96.6	98.4	98.6	99.5	99.6	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 5271

73-81

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

MAF  
1000-1-200

30.3	46.9	47.1	47.5	48.3	48.4	48.5	49.1	49.1	49.4	49.9	49.9	50.1	50.5	50.5	50.5
30.8	48.5	48.8	49.1	50.2	50.4	50.5	51.1	51.1	51.4	51.9	51.9	52.1	52.5	52.5	52.5
30.9	49.3	49.5	49.9	51.1	51.2	51.4	52.1	52.1	52.2	52.7	52.7	53.0	53.4	53.4	53.4
31.4	49.8	50.0	50.4	51.6	51.7	51.9	52.5	52.5	52.7	53.2	53.2	53.5	53.9	53.9	53.9
31.7	50.2	50.5	50.9	52.1	52.2	52.4	53.0	53.0	53.2	53.7	53.7	54.0	54.4	54.4	54.4
32.7	51.5	51.7	52.1	53.4	53.5	53.6	54.2	54.2	54.5	55.0	55.0	55.2	55.6	55.6	55.6
34.7	53.7	54.9	54.4	55.6	55.7	55.9	56.5	56.5	56.7	57.2	57.2	57.5	57.9	57.9	57.9
34.9	54.6	54.9	55.2	56.5	56.6	56.7	57.4	57.4	57.6	58.1	58.1	58.4	58.7	58.7	58.7
37.5	58.4	58.6	59.0	60.2	60.3	60.5	61.1	61.1	61.3	61.8	61.8	62.1	62.5	62.5	62.5
39.5	60.7	61.0	61.3	62.6	62.7	62.8	63.5	63.5	63.7	64.2	64.2	64.5	64.8	64.8	64.8
40.5	62.7	63.1	63.7	65.0	65.2	65.5	66.1	66.1	66.3	66.8	66.8	67.1	67.5	67.5	67.5
41.4	65.0	65.3	66.1	67.3	67.6	67.8	68.5	68.5	68.7	69.2	69.2	69.5	69.8	69.8	69.8
42.3	67.0	67.3	68.1	69.5	69.7	70.0	70.6	70.6	70.8	71.3	71.3	71.6	71.9	71.9	71.9
42.9	68.6	69.0	69.7	71.2	71.4	71.7	72.6	72.6	72.8	73.7	73.7	73.9	74.3	74.3	74.3
42.7	68.8	69.3	70.1	71.6	71.9	73.1	74.1	74.1	74.3	75.2	75.2	75.4	75.8	75.8	75.8
43.5	70.0	70.7	71.4	72.9	73.3	74.4	75.4	75.4	75.7	76.6	76.6	76.8	77.2	77.2	77.2
44.5	71.6	72.6	74.1	76.2	76.6	77.7	78.8	78.8	79.1	79.9	79.9	80.2	80.5	80.5	80.5
44.9	72.6	73.8	75.3	77.7	78.1	79.7	81.3	81.3	81.5	82.4	82.4	82.7	83.1	83.1	83.1
45.7	72.7	73.9	75.6	78.2	78.6	80.7	82.3	82.3	82.5	83.4	83.4	83.7	84.1	84.1	84.1
45.1	73.9	75.8	77.4	80.7	81.0	83.7	85.5	85.5	85.9	86.8	86.8	87.0	87.4	87.4	87.4
45.3	74.1	76.1	77.8	81.4	81.8	84.9	87.2	87.4	88.0	89.4	89.4	89.7	90.0	90.0	90.0
45.3	74.2	76.6	78.3	82.0	82.4	86.4	89.2	89.4	90.9	92.3	92.3	92.6	93.0	93.4	93.4
45.9	74.8	77.2	78.9	82.7	83.3	87.3	90.1	90.8	92.3	93.8	93.8	94.1	94.5	94.9	94.9
46.0	74.9	77.3	79.2	82.9	83.9	88.2	91.3	92.0	93.9	95.5	95.5	95.9	96.3	96.8	96.9
46.1	75.1	77.4	79.3	83.2	84.2	88.4	91.6	92.4	94.4	96.0	96.0	96.4	96.8	97.3	97.4
46.1	75.1	77.4	79.3	83.2	84.2	88.5	91.9	92.6	94.9	96.6	96.6	97.1	97.5	98.0	98.1
46.1	75.1	77.4	79.3	83.2	84.2	88.8	92.1	92.9	95.1	97.1	97.0	97.9	98.3	98.4	98.9
46.1	75.1	77.4	79.3	83.2	84.2	88.8	92.1	92.9	95.1	97.8					

TOTAL NUMBER OF OBSERVATIONS 800

U. S. AIR FORCE CLIMATE BRANCH  
 WHEELING  
 AIR WEATHER SERVICE

# CEILING VERSUS VISIBILITY

WHEELING SPAREVOHN AFS AK

73-81

MAP

PERCENTAGE FREQUENCY OF OCCURRENCE  
 FROM HOURLY OBSERVATIONS

300-9500

25.7	46.8	46.7	47.4	47.8	48.5	48.8	49.6	49.7	49.8	50.2	50.2	50.7	50.8	50.8
26.1	47.2	47.3	47.8	48.2	49.1	49.3	50.2	50.3	50.4	50.8	50.8	51.3	51.4	51.4
28.4	48.1	48.2	48.7	49.2	49.9	50.3	51.2	51.3	51.4	51.8	51.8	52.2	52.4	52.4
28.6	48.4	48.5	49.1	49.5	50.2	50.5	51.4	51.5	51.6	52.0	52.1	52.5	52.6	52.6
29.3	48.7	48.8	49.3	49.8	50.5	50.9	51.6	51.9	52.0	52.4	52.4	52.8	53.0	53.0
29.8	50.3	50.4	50.9	51.4	52.1	52.5	53.3	53.5	53.6	53.9	53.9	54.4	54.5	54.5
31.2	51.4	51.9	52.4	52.8	53.6	53.9	54.6	54.9	55.0	55.4	55.4	55.9	56.0	56.0
31.4	52.6	52.7	53.2	53.7	54.4	54.8	55.6	55.8	55.9	56.2	56.2	56.7	56.8	56.8
33.7	55.4	55.5	56.1	56.5	57.2	57.6	58.5	58.7	58.8	59.2	59.2	59.6	59.8	59.8
35.6	57.9	58.1	58.5	59.0	59.8	60.1	61.1	61.2	61.3	61.7	61.7	62.2	62.3	62.3
36.5	60.1	60.8	61.3	61.8	62.5	62.9	63.9	64.0	64.1	64.5	64.5	65.0	65.1	65.1
37.8	62.3	63.4	64.4	65.0	65.7	66.1	67.1	67.2	67.3	67.6	67.6	68.1	68.2	68.2
37.9	63.6	65.1	65.7	66.3	67.0	67.4	68.4	68.5	68.6	69.0	69.0	69.5	69.6	69.6
38.9	65.3	66.9	67.5	68.7	69.8	70.2	71.2	71.4	71.5	72.0	72.0	72.5	72.6	72.6
39.2	66.2	68.1	68.6	70.2	71.3	71.6	73.0	73.2	73.5	73.9	73.9	74.4	74.5	74.5
39.3	66.7	69.2	69.8	71.6	72.7	73.1	74.5	74.8	75.0	75.5	75.5	76.0	76.1	76.1
39.8	67.4	69.9	71.2	73.3	74.4	74.9	76.4	76.6	76.8	77.3	77.3	77.8	77.9	78.1
39.8	68.5	71.6	72.8	75.5	76.6	77.6	79.3	79.6	80.1	80.6	80.6	81.1	81.2	81.3
39.8	68.7	72.1	73.3	76.2	77.3	78.3	80.2	80.7	81.2	81.8	81.8	82.3	82.4	82.5
40.2	70.3	74.5	76.0	80.0	81.1	82.4	84.4	84.8	85.8	86.4	86.4	87.0	87.2	87.3
40.5	71.6	75.8	77.5	81.7	82.6	85.1	87.1	87.7	89.1	89.7	89.7	90.3	90.4	90.5
40.5	71.9	76.4	78.1	82.3	83.4	85.8	88.1	89.7	90.9	91.9	91.9	92.6	92.8	93.0
40.5	72.0	76.5	78.2	82.5	83.6	86.2	88.6	89.9	92.0	93.0	93.7	93.7	94.3	94.3
40.5	72.0	76.5	78.2	82.7	84.0	86.8	90.1	91.2	93.7	94.8	94.8	95.8	96.0	96.4
40.5	72.0	76.5	78.2	82.7	84.0	86.8	90.3	91.4	94.2	95.5	95.5	96.5	96.7	97.1
40.5	72.0	76.5	78.2	82.7	84.0	87.0	90.7	91.8	94.7	96.0	96.0	97.0	97.2	97.6
40.5	72.0	76.5	78.2	82.7	84.0	87.0	90.9	92.0	95.0	96.5	96.5	98.1	98.3	98.8
40.5	72.0	76.5	78.2	82.7	84.0	87.4	91.4	92.5	95.5	97.1	97.1	98.7	98.9	99.4
40.5	72.0	76.5	78.2	82.7	84.0	87.4	91.4	92.5	95.5	97.1	97.1	98.9	99.2	99.6
40.5	72.0	76.5	78.2	82.7	84.0	87.4	91.4	92.5	95.5	97.1	97.1	98.9	99.2	99.8
40.5	72.0	76.5	78.2	82.7	84.0	87.4	91.4	92.5	95.5	97.1	97.1	98.9	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS

825

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AF WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

73-81 SPARREVOHN AFS AK

73-81

MAP

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

600-1800

29.7	35.9	36.4	37.3	37.7	37.8	38.2	38.5	38.8	39.1	39.6	39.6	39.7	39.7	39.7	39.7
31.9	38.3	38.5	39.5	39.9	40.3	40.3	40.7	40.9	41.3	41.8	41.8	41.9	41.9	41.9	41.9
32.4	39.9	40.3	41.3	41.7	41.8	42.1	42.5	42.8	43.1	43.6	43.6	43.7	43.7	43.7	43.7
33.2	40.6	41.1	42.0	42.4	42.5	42.9	43.2	43.5	43.8	44.3	44.3	44.4	44.4	44.4	44.4
33.6	41.3	41.8	42.8	43.1	43.2	43.6	44.1	44.3	44.6	45.1	45.1	45.2	45.2	45.2	45.2
35.4	43.2	43.7	44.9	45.3	45.4	45.8	46.1	46.4	46.7	47.2	47.2	47.3	47.3	47.3	47.3
37.7	45.3	45.5	46.7	47.1	47.2	47.6	47.9	48.2	48.7	49.2	49.2	49.3	49.3	49.3	49.3
37.2	45.5	46.7	47.2	47.6	47.7	48.1	48.4	48.7	49.2	49.6	49.6	49.8	49.8	49.8	49.8
40.1	43.7	49.3	50.5	50.8	51.0	51.3	51.8	52.1	52.5	53.1	53.1	53.1	53.1	53.1	53.1
44.1	53.0	53.6	55.1	55.3	55.4	55.8	56.3	56.5	57.0	57.5	57.5	57.6	57.6	57.6	57.6
45.3	55.2	56.2	57.5	58.1	58.2	58.6	59.1	59.4	59.8	60.3	60.3	60.4	60.4	60.4	60.4
47.3	59.3	59.5	61.1	61.7	61.8	62.2	62.7	62.9	63.4	63.9	63.9	64.0	64.0	64.0	64.0
48.2	59.5	60.7	62.3	62.9	63.0	63.4	63.9	64.1	64.6	65.1	65.1	65.2	65.2	65.2	65.2
50.4	62.1	63.3	65.0	65.7	65.8	66.2	66.8	67.1	67.5	68.1	68.1	68.1	68.1	68.1	68.1
52.4	64.3	65.8	67.6	68.6	68.8	69.2	69.8	70.0	70.5	71.0	71.0	71.3	71.3	71.3	71.3
53.3	65.3	67.1	69.0	70.2	70.8	71.1	71.9	72.1	72.6	73.1	73.1	73.3	73.3	73.3	73.3
54.6	67.3	69.1	71.5	72.8	73.4	73.9	74.9	75.1	75.7	76.2	76.2	76.4	76.4	76.4	76.4
55.1	68.0	70.5	73.3	74.8	75.5	76.1	77.1	77.7	78.6	79.1	79.1	79.3	79.3	79.3	79.3
55.1	68.0	70.5	73.3	74.8	75.5	76.1	77.1	77.7	78.6	79.1	79.1	79.3	79.3	79.3	79.3
55.8	70.2	73.4	76.2	78.4	79.2	80.2	81.4	82.1	83.2	84.1	84.1	84.3	84.4	84.5	84.5
56.4	71.3	74.8	77.7	80.0	81.0	82.2	83.6	84.7	86.2	87.1	87.1	87.3	87.4	87.6	87.6
56.5	71.7	75.2	78.1	80.4	81.5	82.9	84.5	85.9	87.9	88.9	88.9	89.4	89.5	89.6	89.6
56.5	71.7	75.2	78.1	80.4	82.3	83.5	85.9	87.4	89.5	90.7	90.7	91.2	91.3	91.4	91.4
56.8	72.1	75.6	78.5	80.8	82.5	83.9	86.5	88.7	90.5	92.3	92.1	92.6	92.8	92.9	92.9
56.8	72.1	75.7	78.6	80.9	82.6	84.1	86.8	88.4	91.2	93.0	93.1	93.6	93.7	93.8	93.8
56.9	72.2	76.1	78.9	81.2	82.9	84.4	87.6	89.4	92.4	94.3	94.4	94.9	95.0	95.2	95.2
57.0	72.3	76.2	79.1	81.4	83.1	84.8	88.3	89.9	93.5	95.9	96.0	96.7	96.9	97.3	97.3
57.3	72.3	76.2	79.5	81.8	83.5	85.4	88.6	90.5	94.3	97.1	97.2	97.9	98.1	98.2	98.2
57.3	72.3	76.2	79.5	81.8	83.5	85.4	88.8	90.6	94.4	97.6	97.7	98.4	98.9	99.2	99.2
57.3	72.3	76.2	79.5	81.8	83.5	85.4	88.8	90.6	94.6	98.1	98.2	99.3	99.4	99.9	99.9
57.3	72.3	76.2	79.5	81.8	83.5	85.4	88.8	90.6	94.6	98.1	98.2	99.3	99.4	99.9	99.9
57.3	72.3	76.2	79.5	81.8	83.5	85.4	88.8	90.6	94.6	98.1	98.2	99.3	99.4	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 828

GLOBAL CLIMATOLOGY BRANCH  
 USAF/TAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

7 1750 SPARREVOHN AFS AK

73-81

MAC

PERCENTAGE FREQUENCY OF OCCURRENCE  
 FROM HOURLY OBSERVATIONS

900-1100

36.3	47.1	41.7	41.8	42.3	42.5	43.7	43.1	43.1	43.4	43.6	43.6	43.6	43.6	43.6	43.6
37.7	41.5	42.5	43.2	43.7	43.9	44.4	44.5	44.5	44.9	45.1	45.3	45.3	45.3	45.2	45.2
38.4	44.3	45.2	46.3	46.5	46.8	47.3	47.4	47.4	47.8	47.9	47.9	47.9	47.9	48.1	48.1
40.2	46.1	46.1	46.8	47.3	47.7	48.1	48.3	48.3	48.6	49.7	48.7	48.7	48.7	49.7	49.7
41.5	46.7	47.0	48.6	49.1	49.5	49.9	50.1	50.1	50.4	50.5	50.5	50.5	50.5	50.8	50.8
42.4	47.8	48.7	49.5	49.9	50.3	50.6	50.9	50.9	51.3	51.4	51.4	51.4	51.4	51.5	51.6
44.3	50.1	51.7	51.9	52.3	52.7	53.2	53.3	53.3	53.7	53.8	53.8	53.8	53.8	54.7	54.7
45.4	51.1	52.1	52.9	53.4	53.8	54.3	54.4	54.4	54.8	54.9	54.9	54.9	54.9	55.1	55.1
46.3	54.5	55.6	56.4	56.9	57.3	57.8	57.9	57.9	58.2	58.4	58.4	58.4	58.4	58.6	58.6
50.4	57.5	58.6	59.4	59.9	60.3	60.6	60.9	60.9	61.3	61.4	61.4	61.4	61.4	61.6	61.6
52.2	59.4	60.5	61.4	62.1	62.5	62.9	63.1	63.1	63.4	63.5	63.5	63.5	63.5	63.8	63.8
54.3	62.7	63.9	64.7	65.5	65.8	66.3	66.4	66.4	66.8	66.9	66.9	66.9	66.9	67.1	67.1
54.8	63.4	64.6	65.5	66.2	66.5	67.0	67.1	67.1	67.5	67.6	67.6	67.6	67.6	67.9	67.9
56.4	65.8	67.0	67.9	68.7	69.2	69.7	69.8	69.8	70.2	70.3	70.3	70.3	70.3	70.5	70.5
59.7	69.7	71.6	71.5	72.4	73.0	73.6	73.8	73.8	74.1	74.2	74.2	74.2	74.2	74.5	74.5
60.4	69.9	71.6	72.7	73.8	74.6	75.5	75.7	75.9	76.3	76.4	76.4	76.4	76.4	76.7	76.7
61.7	71.7	73.4	74.6	75.7	76.5	77.5	78.0	78.6	79.5	79.7	79.7	79.7	79.7	79.9	79.9
62.7	73.2	75.0	76.2	77.7	78.6	79.7	80.3	81.0	82.1	82.2	82.2	82.2	82.2	82.4	82.4
63.2	73.5	75.3	76.5	78.1	79.1	80.1	80.7	81.5	82.5	82.7	82.7	82.7	82.7	82.9	82.9
63.9	74.7	76.7	78.1	80.1	81.1	82.3	83.9	85.1	86.3	86.5	86.5	86.5	86.5	86.8	86.8
64.4	75.6	77.7	79.5	81.6	82.6	84.2	86.0	87.6	89.0	89.3	89.3	89.3	89.3	89.5	89.5
64.7	76.5	78.8	80.7	82.9	84.0	85.8	87.6	89.2	91.0	91.3	91.3	91.5	91.5	91.7	91.7
65.2	77.3	79.4	81.3	83.6	84.7	86.9	88.9	90.5	92.3	92.8	92.8	92.9	92.9	93.1	93.1
65.2	77.3	79.7	81.6	83.9	85.1	87.2	89.4	91.0	92.8	93.5	93.5	93.6	93.6	93.9	93.9
65.2	77.3	79.7	81.6	83.9	85.1	87.2	89.5	91.1	93.1	94.1	94.2	94.3	94.3	94.5	94.5
65.3	77.4	79.8	81.8	84.6	85.9	88.1	90.7	92.3	94.3	95.5	95.7	95.8	95.8	96.0	96.0
65.3	77.4	79.8	81.8	84.7	86.0	88.2	91.2	92.9	95.4	96.6	96.8	96.9	96.9	97.1	97.1
65.5	78.0	80.4	82.4	85.3	86.6	88.8	92.1	93.7	96.3	97.6	97.7	98.1	98.1	98.3	98.3
65.5	78.7	80.4	82.4	85.3	86.6	88.9	92.2	93.0	96.4	98.0	98.1	98.6	98.6	99.0	99.0
65.5	78.7	80.4	82.4	85.3	86.6	88.9	92.2	93.0	96.4	98.1	98.2	99.0	99.0	99.5	99.5
65.5	78.7	80.4	82.4	85.3	86.6	88.9	92.2	93.0	96.4	98.1	98.2	99.0	99.0	99.6	99.6
65.5	78.7	80.4	82.4	85.3	86.6	88.9	92.2	93.0	96.4	98.1	98.2	99.0	99.0	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 531



GLOBAL CLIMATOLOGY BRANCH  
LAF-134C  
ATTN: WEATHER SERVICE/NAAC

## CEILING VERSUS VISIBILITY

035 SPANREICHEN AFS AN

73-61

442

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

A.C. 13-1722

37.5	33.2	33.5	33.8	34.1	35.1	35.1	39.7	39.7	39.7	39.9	39.9	39.9	39.9	40.1	40.4
36.7	41.1	41.2	41.5	41.8	41.8	41.8	42.4	42.4	42.4	42.7	42.7	42.7	42.7	42.9	43.2
34.7	43.7	44.1	44.5	44.7	44.7	44.7	45.3	45.3	45.3	45.6	45.6	45.6	45.6	45.8	45.1
34.7	44.7	45.7	45.5	45.7	45.7	45.7	46.3	46.3	46.3	46.6	46.6	46.6	46.6	46.8	47.1
39.3	46.1	46.3	46.3	47.3	47.3	47.3	47.6	47.6	47.6	47.9	47.9	47.9	47.9	48.1	48.4
41.4	47.6	47.9	48.4	48.6	48.6	48.6	49.2	49.2	49.2	49.5	49.5	49.5	49.5	49.7	49.8
44.7	50.3	50.5	51.3	51.3	51.3	51.3	51.9	51.9	51.9	52.1	52.1	52.1	52.1	52.4	52.6
46.3	51.3	52.3	52.6	52.6	52.6	52.6	53.4	53.4	53.4	53.6	53.6	53.6	53.6	54.1	54.3
47.7	53.7	53.9	54.5	54.8	54.8	54.8	55.4	55.4	55.5	55.7	55.7	55.7	55.7	55.1	55.2
50.3	57.3	58.1	58.6	59.1	59.3	59.3	59.9	59.9	60.3	60.7	60.7	60.7	60.7	60.5	60.7
51.3	60.1	60.2	60.8	61.3	61.5	61.7	62.3	62.3	62.4	62.6	62.6	62.6	62.6	62.7	63.1
55.1	63.6	63.8	64.4	64.9	65.2	65.3	65.9	65.9	66.1	66.3	66.3	66.3	66.3	66.5	66.7
56.3	64.9	65.2	65.6	66.3	66.5	66.6	67.2	67.2	67.4	67.6	67.6	67.6	67.6	67.8	68.1
57.4	66.4	66.9	67.6	68.3	68.7	68.8	69.4	69.4	69.5	69.9	69.9	69.9	69.9	70.1	70.4
59.4	68.2	69.1	69.9	71.7	71.5	71.8	72.6	72.7	72.6	73.4	73.4	73.4	73.4	73.6	73.9
60.5	69.9	70.9	71.8	73.2	73.6	74.2	74.7	75.1	75.3	75.9	75.9	75.9	75.9	76.2	76.4
61.5	71.7	71.3	75.3	76.4	76.9	77.5	78.2	78.6	78.8	79.4	79.4	79.4	79.4	79.7	79.9
63.7	74.2	76.1	79.3	79.9	80.3	80.9	81.6	82.7	82.2	82.8	82.8	82.8	82.8	83.1	83.3
63.7	75.3	77.1	79.3	81.0	81.5	82.2	83.1	83.4	83.7	84.3	84.3	84.3	84.3	84.5	84.8
64.6	76.5	78.7	80.7	81.4	84.3	85.1	86.7	87.1	87.3	87.9	87.9	87.9	87.9	88.1	88.4
64.6	76.5	79.1	81.3	84.7	84.9	86.3	87.9	88.6	89.1	89.7	89.7	89.7	89.7	90.0	90.2
64.0	77.1	79.4	81.4	84.4	85.2	86.9	88.6	89.4	89.8	90.4	90.4	90.4	90.4	90.7	90.9
64.8	77.4	79.7	81.6	84.6	85.5	87.4	89.1	91.1	90.7	91.7	91.7	91.7	91.7	92.1	92.4
64.8	77.6	80.3	82.3	85.1	86.3	87.9	89.6	91.8	91.7	92.9	92.9	93.1	93.1	93.3	93.6
65.1	78.3	80.9	82.8	86.3	86.8	88.8	90.4	92.0	92.9	94.2	94.2	94.4	94.4	94.7	94.9
65.1	78.3	80.9	82.8	86.2	87.1	89.1	91.3	92.9	93.7	95.6	95.6	95.9	95.9	96.1	96.4
65.1	78.1	81.7	83.3	86.1	87.2	89.2	91.7	93.2	94.3	96.7	96.7	97.3	97.3	97.5	97.8
65.1	78.1	81.7	83.3	86.1	87.2	89.2	91.7	93.2	94.3	97.6	97.7	98.1	98.4	98.7	98.9
65.1	78.1	81.7	83.3	86.1	87.2	89.2	91.7	93.2	94.3	97.9	98.1	98.8	99.2	99.5	99.3
65.1	78.1	81.7	83.3	86.1	87.2	89.2	91.7	93.2	94.3	97.9	98.1	98.8	99.2	99.5	99.9
65.1	78.1	81.7	83.3	86.1	87.2	89.2	91.7	93.2	94.3	97.9	98.1	98.8	99.2	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 827

2

## 72-51

44

4. 7. 1991

TOTAL NUMBER OF OBSERVATIONS

244

CENTRAL CLIMATOLOGY BRANCH  
 U.S. AIR FORCE  
 AIR WEATHER SERVICE / MAC

# CEILING VERSUS VISIBILITY

STATION SPARREMOHN AFB AR

73-81

MAC

PERCENTAGE FREQUENCY OF OCCURRENCE  
 FROM HOURLY OBSERVATIONS

110-5500

37.6	45.2	46.7	46.3	47.1	47.1	47.1	47.6	47.8	47.8	48.6	48.6	48.9	48.8	48.9	49.4
51.9	46.3	47.8	47.9	48.7	48.7	48.9	49.4	49.5	49.5	50.3	51.3	50.6	50.6	50.6	51.1
52.4	47.6	48.6	48.7	49.5	49.5	49.7	50.2	50.3	50.3	51.1	51.1	51.4	51.4	51.4	51.7
53.2	48.4	49.4	49.5	50.3	50.3	50.5	51.0	51.1	51.1	51.1	51.2	51.9	52.2	52.2	52.7
53.7	48.9	49.8	50.0	50.8	50.8	51.0	51.4	51.5	51.5	52.4	52.4	52.7	52.7	52.7	53.2
54.3	49.5	50.5	50.6	51.4	51.4	51.6	52.1	52.2	52.2	53.0	53.0	53.3	53.3	53.3	53.8
55.7	51.0	51.7	52.1	52.9	52.9	53.3	53.5	53.7	53.7	54.4	54.4	54.8	54.8	54.8	55.3
56.2	51.9	52.2	53.0	53.8	53.8	54.1	54.4	54.6	54.6	55.4	55.4	55.7	55.7	55.7	56.2
56.6	54.9	55.9	56.0	56.8	56.8	57.0	57.5	57.6	57.6	58.4	58.4	58.7	58.7	58.7	59.2
57.3	55.3	57.3	57.9	58.7	58.7	58.9	59.4	59.5	59.5	60.3	60.3	60.6	60.6	60.6	61.1
57.7	59.4	61.4	61.0	61.7	61.7	61.9	62.4	62.5	62.5	63.3	63.3	63.7	63.7	63.7	64.1
58.0	61.4	62.9	63.2	64.0	64.0	64.1	64.6	64.8	64.8	65.6	65.6	65.9	65.9	65.9	66.4
58.3	63.0	64.4	64.8	65.6	65.6	65.7	66.2	66.3	66.3	67.1	67.1	67.5	67.5	67.5	67.9
58.4	63.4	67.0	67.3	68.1	68.1	68.4	68.9	69.0	69.0	69.8	69.8	70.2	70.2	70.2	70.6
57.3	69.2	71.9	71.1	72.4	72.4	73.3	73.8	74.0	74.0	74.8	74.8	75.1	75.1	75.1	75.6
57.6	71.2	72.2	72.5	73.8	74.0	75.1	75.6	75.7	75.7	76.7	76.7	77.0	77.0	77.0	77.5
58.9	72.2	74.6	75.2	77.8	77.9	79.7	80.3	80.5	80.5	81.4	81.4	81.7	81.7	81.7	82.2
58.0	74.3	75.7	77.3	79.8	80.0	82.1	82.7	82.9	82.9	83.8	83.8	84.1	84.1	84.1	84.6
59.1	74.4	77.1	77.9	80.6	81.0	83.0	83.8	84.0	84.0	84.9	84.9	85.2	85.2	85.2	85.7
59.5	75.7	78.6	79.4	81.0	83.8	86.0	87.0	87.1	87.1	88.1	88.1	88.4	88.4	88.4	88.9
59.5	75.7	78.7	79.5	81.2	84.0	86.7	87.6	87.6	87.9	89.4	89.4	89.8	89.8	89.8	90.3
61.0	76.5	79.5	80.5	84.1	85.1	87.9	89.0	89.4	89.8	91.3	91.3	91.9	92.4	92.4	92.9
61.1	76.7	80.0	81.0	84.8	86.0	88.9	90.0	90.5	91.3	92.9	92.9	93.5	94.0	94.0	94.4
61.0	76.7	80.0	81.0	84.9	86.0	89.2	91.0	91.4	92.4	94.4	94.4	95.2	95.7	95.7	96.2
61.1	76.7	80.0	81.0	85.1	86.5	89.5	91.3	91.7	92.7	95.1	95.1	95.9	96.3	96.3	96.8
61.1	76.7	80.0	81.0	85.2	86.7	89.7	91.4	91.8	93.5	96.3	96.3	97.3	97.8	97.8	98.3
61.0	76.7	80.0	81.0	85.4	86.8	89.8	91.6	92.1	93.7	96.7	96.7	97.8	98.3	98.3	98.7
61.0	76.7	80.0	81.0	85.4	86.8	89.8	91.6	92.1	93.7	97.5	97.5	98.6	99.0	99.0	99.5
61.0	76.7	80.0	81.0	85.4	86.8	89.8	91.6	92.1	93.7	97.6	97.6	98.9	99.4	99.4	99.9
61.0	76.7	80.0	81.0	85.4	86.8	89.8	91.6	92.1	93.7	97.6	97.6	98.9	99.5	99.5	100.0
61.0	76.7	80.0	81.0	85.4	86.8	89.8	91.6	92.1	93.7	97.6	97.6	98.9	99.5	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 687

1 ALL-WEATHER CLIMATOLOGY BRANCH  
2 DFW, TX  
3 ALL-WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

4 DFW, TX DFW, TX DFW, TX

73-81

82

PERCENTAGE FREQUENCY OF C CORRELATION  
FROM HOURLY OBSERVATION

83

33.1	41.4	41.7	42.3	42.7	42.9	43.7	43.6	43.7	43.8	44.0	44.2	44.3	44.4	44.5	44.6
37.5	43.2	43.7	44.1	44.6	44.8	45.1	45.6	45.6	45.8	46.1	46.1	46.3	46.3	46.4	46.6
34.6	43.3	45.5	45.9	46.4	46.6	46.9	47.4	47.5	47.6	47.9	47.9	48.1	48.2	48.2	48.4
35.3	45.7	46.2	46.7	47.2	47.4	47.7	48.2	48.2	48.4	48.7	48.7	48.9	48.9	49.1	49.2
35.1	46.3	47.3	47.8	48.3	48.5	48.7	49.2	49.3	49.5	49.8	49.8	50.1	50.1	50.1	50.3
37.3	48.2	48.5	49.2	49.7	49.8	50.1	50.6	50.7	50.8	51.1	51.1	51.3	51.4	51.5	51.6
38.2	50.3	50.4	51.3	51.6	52.0	52.3	52.8	52.9	53.3	53.3	53.3	53.5	53.5	53.7	53.8
39.9	51.2	51.7	52.3	52.8	53.0	53.3	53.8	53.8	54.0	54.3	54.3	54.5	54.5	54.7	54.8
42.4	54.2	54.7	55.3	55.8	56.0	56.3	56.8	56.8	57.0	57.4	57.4	57.5	57.6	57.7	57.8
43.3	57.6	58.1	58.7	59.2	59.5	59.8	60.3	60.4	60.5	60.9	60.9	61.0	61.1	61.2	61.3
45.5	59.6	60.3	61.0	61.6	61.8	62.2	62.7	62.8	62.9	63.3	63.3	63.4	63.5	63.6	63.7
46.6	62.7	63.4	64.3	64.9	65.2	65.5	66.1	66.2	66.4	66.7	66.7	66.8	66.9	67.0	67.1
48.2	63.9	64.3	65.6	66.2	66.5	66.8	67.4	67.5	67.7	68.0	68.0	68.2	68.2	68.3	68.4
50.3	66.1	67.1	67.9	68.7	69.0	69.4	70.0	70.1	70.3	70.7	70.7	70.9	70.9	71.0	71.1
52.4	68.2	69.4	70.3	71.4	71.8	72.4	73.1	73.3	73.5	73.9	73.9	74.1	74.1	74.2	74.4
54.5	70.2	70.9	71.8	72.0	73.5	74.2	75.1	75.3	75.5	75.9	75.9	76.1	76.1	76.3	76.4
56.1	71.8	72.6	74.0	75.6	76.1	77.1	78.3	78.3	78.7	79.1	79.1	79.3	79.4	79.5	79.6
58.2	73.4	74.6	76.1	77.7	78.6	79.9	81.1	81.4	81.8	82.2	82.2	82.4	82.5	82.6	82.7
60.3	75.3	77.2	78.8	81.6	82.4	84.0	85.6	86.1	86.7	87.2	87.2	87.4	87.5	87.6	87.7
62.4	77.0	78.1	79.8	82.7	83.5	85.5	87.3	88.1	88.9	89.5	89.5	89.7	89.8	89.9	90.0
64.4	78.5	79.6	81.5	84.5	84.3	86.6	88.6	89.4	90.0	91.4	91.4	91.7	91.8	92.1	92.1
66.5	80.3	82.7	83.8	84.3	87.2	89.4	90.4	91.3	92.7	92.7	93.0	93.2	93.4	93.4	93.5
68.7	82.1	83.2	84.2	85.3	87.9	90.3	91.4	92.9	94.1	94.0	94.4	94.6	94.6	94.8	95.0
70.7	84.2	85.4	86.4	88.5	89.1	91.7	91.5	93.5	94.5	94.8	95.2	95.4	95.6	95.6	95.7
72.8	86.2	87.5	88.6	89.8	90.5	91.3	92.4	94.4	95.2	95.9	96.3	96.5	96.7	96.7	96.8
74.8	88.3	89.5	91.5	92.7	93.9	96.7	91.6	92.8	95.3	96.7	96.8	97.4	97.7	97.9	98.1
76.8	90.4	91.6	92.9	94.9	96.1	98.9	91.9	93.1	95.4	97.5	97.6	98.3	98.5	98.8	99.0
78.8	92.5	93.7	94.9	96.1	98.1	98.9	92.0	93.2	95.4	97.5	97.8	98.7	99.0	99.3	99.5
80.8	94.6	95.8	96.9	98.1	99.9	92.0	93.2	95.4	97.5	97.8	98.7	99.0	99.2	99.4	99.5
82.8	96.7	97.9	98.1	99.9	92.0	93.2	95.4	97.5	97.8	98.7	99.0	99.2	99.4	99.7	99.7
84.8	98.8	99.0	99.9	92.0	93.2	95.4	97.5	97.8	98.7	99.0	99.2	99.4	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 127

## CEILING VERSUS VISIBILITY

100-10450-100

73-31

15

## REFERENCES

—

[illegible]TOTAL NUMBER OF OBSERVATIONS 78

1. J. L. CLAYTON, JR., CHAIRMAN  
 2. J. L. CLAYTON, JR.  
 3. J. L. CLAYTON, JR.

## CEILING VERSUS VISIBILITY

PAGE TWO

PARREYSON AFS AK

7-51

AD.

REF: ANTARCTIC ENVIRONMENTAL OCCURRENCE  
FROM 1946-1970 OBSERVATIONS

100-570

33.4	42.3	43.2	42.2	42.4	42.4	42.4	42.6	42.6	42.5	42.5	42.6	42.5	42.6	42.5	42.6	42.5	42.6
33.4	44.2	44.4	44.4	44.7	44.7	44.7	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
33.2	43.2	43.5	43.5	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
33.4	43.3	43.6	43.6	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
33.7	43.3	43.3	43.2	43.5	43.5	43.5	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6
37.3	47.5	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
33.5	43.9	44.1	43.9	44.4	44.4	44.4	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
37.4	50.3	50.3	50.3	50.5	50.5	50.5	50.5	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
41.7	54.4	54.7	54.7	54.9	54.9	54.9	54.9	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
44.1	53.3	53.6	53.6	53.8	53.8	53.8	53.8	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
45.5	61.9	61.2	61.2	61.5	61.5	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
47.7	53.6	64.1	64.1	64.3	64.3	64.3	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
47.7	63.3	65.7	65.7	65.9	65.9	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
50.7	63.7	63.1	63.1	63.3	63.3	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
52.4	71.2	71.7	71.7	72.0	72.0	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
53.2	72.7	73.7	73.7	73.9	74.5	74.6	74.7	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
55.1	73.3	73.4	73.4	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
55.2	73.9	77.4	77.4	77.8	77.9	77.9	78.5	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
55.2	75.9	77.5	77.5	77.8	77.5	77.7	80.7	81.1	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
55.9	78.7	81.9	82.6	82.6	83.7	83.7	85.1	85.5	85.7	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
58.3	79.3	81.7	83.7	84.7	85.0	85.0	86.5	86.9	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
58.4	79.9	82.8	84.8	86.7	86.4	86.4	88.1	88.8	89.3	89.8	90.2	90.2	90.2	90.2	90.2	90.2	90.2
58.4	80.1	83.7	85.0	85.2	86.6	86.6	88.6	89.5	90.7	90.9	91.3	91.3	91.3	91.3	91.3	91.3	91.3
58.6	80.3	83.5	85.3	86.7	87.2	87.2	89.9	90.8	91.3	92.6	93.2	93.2	93.2	93.2	93.2	93.2	93.2
58.7	81.6	83.7	85.7	87.1	87.5	87.5	91.5	92.4	94.3	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
58.9	81.3	84.7	86.0	87.4	87.8	87.8	91.5	91.9	93.3	95.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
58.3	80.8	84.7	86.0	87.4	87.8	87.8	91.5	91.9	93.4	96.0	97.5	97.5	97.6	97.6	97.6	97.6	97.6
58.3	80.9	84.1	86.1	87.5	87.9	87.9	91.7	92.3	93.8	96.3	98.2	98.2	98.9	98.9	98.9	98.9	98.9
58.3	81.1	84.2	86.2	87.6	88.0	88.0	92.4	92.4	93.9	96.5	98.7	98.7	99.9	99.9	99.9	99.9	99.9
58.3	81.1	84.2	86.2	87.6	88.0	88.0	92.4	93.9	96.5	98.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 77

72-61

22

62-1672

TOTAL NUMBER OF OBSERVATIONS 704

JOINT CLIMATE LOGIC BRANCH  
 C-100-100  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

73-81 SPARREVOHN AFS AK

73-81

APR

PERCENTAGE FREQUENCY OF OCCURRENCE  
 FROM HOURLY OBSERVATIONS

73-81-100

41.2	42.2	42.3	42.3	42.3	42.4	42.5	42.6	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
44.6	45.8	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
47.4	48.7	48.9	48.9	48.9	49.0	49.1	49.1	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
47.9	49.2	49.4	49.4	49.4	49.5	49.6	49.6	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
48.4	49.7	49.9	49.9	49.9	50.0	50.1	50.1	50.2	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
48.7	50.1	50.3	50.3	50.3	50.4	50.5	50.5	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
49.5	50.9	51.0	51.0	51.0	51.1	51.3	51.3	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
51.9	53.3	53.4	53.4	53.4	53.5	53.7	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
55.4	56.9	57.1	57.1	57.1	57.2	57.3	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
57.9	59.7	59.8	59.8	59.8	59.9	60.1	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
61.6	63.6	63.7	63.7	63.7	63.9	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
63.2	65.6	65.6	65.6	65.7	65.9	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
64.1	66.6	66.8	66.8	67.0	67.1	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
65.0	68.1	68.8	68.9	69.3	69.4	69.5	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
66.4	69.6	70.4	70.5	70.9	71.0	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
67.0	70.9	71.9	72.0	72.4	72.5	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
68.3	72.9	74.1	74.2	74.6	74.9	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
69.5	75.1	76.2	76.6	77.3	77.7	77.8	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
70.2	75.7	77.1	77.7	78.5	79.0	79.1	79.3	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
71.3	77.8	79.8	80.5	81.4	82.0	82.2	82.7	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
72.7	79.5	81.9	82.9	83.9	84.6	85.0	85.8	86.1	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
73.6	81.1	83.8	85.0	86.3	87.0	87.5	88.8	89.2	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5
74.1	82.0	84.8	86.0	87.4	88.4	88.9	90.2	91.7	91.1	91.3	91.4	91.4	91.4	91.4	91.4	91.4
74.3	82.6	85.6	86.9	88.3	89.3	90.3	91.6	92.2	92.9	93.3	93.5	93.6	93.7	93.7	93.7	93.7
74.4	83.0	86.3	87.5	88.9	89.7	90.9	92.3	92.9	93.8	94.2	94.3	94.5	94.6	94.7	94.7	94.7
74.4	83.2	86.5	88.0	89.4	90.4	91.6	93.3	94.2	95.3	95.7	95.8	96.0	96.1	96.2	96.2	96.2
74.4	83.4	87.0	88.3	89.7	90.8	92.1	94.3	95.2	97.0	97.4	97.6	97.9	98.0	98.1	98.1	98.1
74.4	83.4	87.0	88.3	89.7	90.9	92.2	94.5	95.3	97.1	98.5	98.7	99.0	99.1	99.2	99.2	99.2
74.4	83.4	87.0	88.3	89.7	90.9	92.2	94.5	95.3	97.1	98.9	99.1	99.4	99.5	99.7	100.0	100.0
74.4	83.4	87.0	88.3	89.7	90.9	92.2	94.5	95.3	97.1	98.9	99.1	99.4	99.5	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 794

GLOBAL CLIMATOLOGY BRANCH  
 COMETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

REPORT PARREVOHN AFS AK

73-31

AP

PERCENTAGE FREQUENCY OF OCCURRENCE  
 FROM HOURLY OBSERVATIONS

17 0-140

37.7	38.4	38.4	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5
41.6	42.3	42.3	42.4	42.4	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
45.1	45.7	45.7	45.8	45.8	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
46.1	46.9	46.9	47.0	47.0	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
46.6	47.5	47.5	47.6	47.6	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
47.6	48.5	48.5	48.6	48.6	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
48.9	49.7	49.7	49.9	49.9	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
50.3	51.3	51.3	51.4	51.4	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
53.1	54.2	54.2	54.3	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
57.1	58.1	58.1	58.2	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
61.3	61.3	61.3	61.5	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
61.3	62.5	62.5	62.8	62.8	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
61.8	63.1	63.1	63.5	63.5	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
65.4	66.9	66.9	67.3	67.4	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
66.8	68.5	68.5	68.9	69.0	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
67.9	69.8	69.9	70.7	71.0	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
71.4	74.7	74.9	75.7	76.2	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
73.8	77.8	78.2	79.2	79.7	80.4	80.4	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
74.4	78.7	79.2	80.4	81.0	81.6	81.7	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
76.6	81.7	82.6	83.9	84.5	85.5	85.9	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
77.3	83.5	84.8	86.5	87.5	88.8	89.3	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
78.1	84.5	86.3	88.2	89.2	90.6	91.1	91.8	91.9	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
79.2	84.8	86.5	88.5	89.8	91.3	91.9	92.8	92.9	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
78.2	85.0	87.2	89.3	90.7	92.2	93.1	94.2	94.6	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
78.2	85.1	87.3	89.4	90.9	92.4	93.3	94.5	95.0	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
78.3	85.5	87.8	89.7	91.4	92.9	93.8	95.1	95.7	96.5	96.7	96.7	96.9	96.9	96.9	96.9	96.9
78.5	85.6	88.1	90.2	91.9	93.5	94.3	95.6	96.2	97.2	97.6	97.6	97.7	97.7	97.7	97.7	97.7
78.5	85.6	88.0	90.2	91.9	93.5	94.3	95.6	96.2	97.6	98.5	98.5	98.7	98.7	98.7	98.7	98.7
78.5	85.6	88.0	90.2	91.9	93.5	94.3	95.6	96.2	97.6	98.9	98.9	99.2	99.2	99.4	99.4	99.4
78.5	85.6	88.1	90.2	91.9	93.5	94.3	95.6	96.2	97.6	99.2	99.2	99.6	99.6	99.7	99.9	99.9
78.6	85.8	88.2	90.3	92.1	93.6	94.5	95.7	96.3	97.7	99.4	99.4	99.7	99.7	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 794

NOTE: DATA FOR 1973-74 ARE PRELIMINARY AND MAY BE OBSOLETE

U.S. AIR FORCE CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

7 4387 SPARENOHN AFS AM

73-51

427

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

15-0-1707

41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2
43.7	43.7	43.8	43.8	43.8	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
46.7	46.7	46.8	46.8	46.8	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
47.1	47.1	47.3	47.3	47.3	47.4	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
47.9	47.9	48.1	48.1	48.1	48.2	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
49.3	49.3	49.5	49.5	49.5	49.6	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
52.2	52.2	52.3	52.3	52.3	52.5	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
53.4	53.6	53.7	53.7	53.7	53.8	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
55.2	55.3	55.5	55.5	55.5	55.6	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
58.9	59.3	59.6	59.6	59.6	59.7	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
61.2	61.8	62.1	62.1	62.1	62.2	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
62.7	63.6	63.8	63.8	63.8	64.0	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
63.2	64.1	64.5	64.5	64.5	64.9	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
65.6	67.1	67.8	67.9	68.2	68.4	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
67.8	69.7	70.5	70.8	71.1	71.2	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
69.5	71.6	72.9	73.3	73.7	73.8	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
73.3	76.0	77.5	78.1	78.9	79.0	79.5	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
76.3	80.1	82.1	82.6	83.4	84.0	84.8	85.1	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
76.6	80.5	82.5	83.2	84.1	84.7	85.5	85.8	85.8	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9
78.6	83.2	85.5	86.2	87.4	88.1	89.9	89.2	89.2	89.2	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
79.3	84.1	86.7	87.5	88.8	89.5	90.3	90.5	90.5	90.5	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
80.0	85.2	87.9	88.8	90.0	90.7	91.8	92.6	92.6	92.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
80.4	85.5	88.4	89.2	90.5	91.4	92.6	93.6	93.6	93.6	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
80.7	86.4	89.3	90.1	91.8	92.7	94.4	95.8	95.9	96.0	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
80.7	86.4	89.3	90.1	91.8	92.7	94.5	95.9	96.0	96.3	96.7	96.7						

TOTAL NUMBER OF OBSERVATIONS 730

GLOBAL CLIMATOLOGY BRANCH  
USAF/ETAC  
AFM WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

7 3320 SPARREVOHN AFS AK

73, 75, 77-81

APR

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

1970-2000

42.7	44.8	44.5	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
44.5	46.7	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
47.3	50.2	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
49.3	51.1	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
49.5	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
50.3	53.2	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
52.4	55.2	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
53.8	57.1	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
55.6	59.2	59.5	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
59.7	63.3	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
60.3	65.7	66.5	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
62.4	67.9	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
62.7	68.6	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
65.6	72.4	73.0	73.3	73.5	73.5	73.5	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
66.9	74.7	74.9	75.2	75.6	75.6	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
68.6	76.0	77.0	77.3	78.3	78.3	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
69.8	78.3	79.2	79.7	80.6	80.6	80.6	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
70.5	79.5	80.6	81.1	82.1	82.2	82.5	82.9	82.9	83.2	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
71.4	80.5	82.1	82.5	83.5	83.7	84.0	84.3	84.3	84.6	84.9	84.9	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
73.1	83.3	85.1	85.6	87.0	87.3	87.6	87.9	88.4	88.7	89.0	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
73.7	84.6	86.5	87.0	88.4	88.7	89.4	89.8	90.3	90.6	91.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
74.6	85.7	87.9	88.3	89.7	90.0	91.0	91.7	92.2	92.5	92.9	92.9	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
74.6	85.9	87.7	88.4	89.8	90.3	91.4	92.5	93.0	93.3	93.7	93.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
74.6	85.9	87.9	88.4	90.2	90.6	91.9	93.2	93.7	94.0	94.4	94.4	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
74.6	85.9	88.1	88.6	90.3	90.8	92.4	93.7	94.1	94.9	95.6	95.6	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
74.8	86.2	88.6	89.0	90.8	91.3	93.2	94.4	94.9	95.9	96.7	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
74.8	86.2	88.7	89.2	91.1	91.6	93.5	94.8	95.4	96.3	97.8	97.8	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
74.8	86.2	88.7	89.2	91.1	91.6	93.5	94.8	95.4	96.5	98.1	98.1	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
74.8	86.2	88.7	89.2	91.1	91.6	93.5	94.8	95.4	96.5	98.1	98.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
74.8	86.2	88.7	89.2	91.1	91.6	93.5	94.8	95.4	96.5	98.1	98.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
74.8	86.2	88.7	89.2	91.1	91.6	93.5	94.8	95.4	96.5	98.1	98.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS 637

GLOBAL CLIMATOLOGY BRANCH  
USAF/ETAC  
AFM WEATHER SERVICE/MAC



CLIMATE CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

700360 SPARGEMOHN AFS AK

73-81

AF

ALL

PERCENTAGE FREQUENCY OF OCCURRENCE  
 FROM HOURLY OBSERVATIONS

35.7	43.6	43.6	43.6	43.7	43.8	43.8	43.8	43.8	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
40.9	46.2	46.3	46.3	46.4	46.5	46.5	46.5	46.5	46.5	46.6	46.6	46.6	46.6	46.6	46.6	46.6
43.1	48.4	48.6	48.6	48.7	48.8	48.8	48.8	48.8	48.8	48.9	48.9	48.9	48.9	48.9	48.9	48.9
43.4	48.9	49.0	49.1	49.2	49.2	49.3	49.3	49.3	49.3	49.4	49.4	49.4	49.4	49.4	49.4	49.4
44.1	49.5	49.7	49.8	49.9	49.9	50.0	50.0	50.0	50.0	50.1	50.1	50.1	50.1	50.1	50.1	50.1
44.3	50.7	50.9	50.9	51.0	51.1	51.1	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
46.3	52.3	52.4	52.4	52.5	52.6	52.6	52.7	52.7	52.7	52.8	52.8	52.8	52.8	52.8	52.8	52.8
47.5	53.7	53.9	53.9	54.0	54.1	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
49.8	56.8	57.0	57.0	57.1	57.2	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
52.7	60.6	60.7	60.8	60.9	61.0	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
54.9	63.4	63.6	63.6	63.7	63.8	63.9	63.9	63.9	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0
56.4	65.4	65.6	65.7	65.9	65.9	66.0	66.0	66.0	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1
57.2	66.8	67.1	67.1	67.3	67.3	67.4	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
59.2	69.6	70.0	70.2	70.4	70.5	70.6	70.7	70.7	70.7	70.8	70.8	70.9	70.9	70.9	70.9	70.9
60.3	71.7	72.2	72.4	72.7	72.7	72.8	72.9	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
61.7	73.0	73.8	74.0	74.6	74.7	74.8	74.9	74.9	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0
63.6	75.6	76.6	77.0	77.6	77.8	78.1	78.3	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4
64.6	77.5	78.6	79.2	79.9	80.2	80.8	81.1	81.2	81.3	81.4	81.4	81.5	81.5	81.5	81.5	81.5
65.1	78.0	79.4	80.1	81.0	81.2	81.9	82.3	82.3	82.5	82.6	82.6	82.7	82.7	82.7	82.7	82.7
66.2	80.3	82.2	83.1	84.1	84.5	85.3	85.8	85.9	86.1	86.3	86.3	86.3	86.3	86.3	86.4	86.4
66.7	81.4	83.6	84.7	85.8	86.3	87.3	87.9	88.1	88.5	88.6	88.6	88.7	88.7	88.7	88.7	88.7
67.4	82.5	85.0	86.2	87.4	88.0	89.2	90.1	90.4	90.9	91.1	91.1	91.2	91.2	91.2	91.2	91.2
67.5	82.8	85.4	86.6	88.0	88.7	90.0	91.3	91.3	92.0	92.4	92.4	92.4	92.4	92.5	92.5	92.5
67.7	83.2	85.9	87.2	88.7	89.4	91.0	92.2	92.6	93.5	94.0	94.0	94.1	94.1	94.2	94.2	94.2
67.8	83.4	86.2	87.5	89.1	89.8	91.5	92.8	93.3	94.5	95.1	95.1	95.2	95.2	95.3	95.3	95.3
67.8	83.5	86.4	87.7	89.4	90.1	91.9	93.3	94.0	95.5	96.3	96.4	96.5	96.5	96.6	96.6	96.6
67.8	83.6	86.6	87.9	89.6	90.3	92.3	93.8	94.6	96.5	97.4	97.5	97.6	97.6	97.7	97.7	97.7
67.9	83.7	86.7	88.0	89.8	90.5	92.4	94.1	94.9	96.9	98.4	98.5	98.9	98.9	99.0	99.0	99.0
67.9	83.8	86.8	88.1	89.8	90.6	92.5	94.2	95.0	97.0	98.7	98.8	99.3	99.4	99.5	99.6	99.6
67.9	83.8	86.8	88.1	89.8	90.6	92.5	94.2	95.0	97.0	98.8	98.9	99.5	99.6	99.8	99.9	99.9
67.9	83.8	86.8	88.1	89.8	90.6	92.5	94.2	95.0	97.0	98.8	98.9	99.6	99.6	99.9	100.0	100.0
67.9	83.8	86.8	88.1	89.9	90.6	92.6	94.3	95.0	97.0	98.8	98.9	99.6	99.7	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 5993

USAF ETAC 700360 (2) (A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

73-31

☞ ☞ ☞

43-111

TOTAL NUMBER OF OBSERVATIONS 795[illegible]

NATIONAL CLIMATOLOGY BRANCH  
WHEATON  
U.S. WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

STATION SPANREVON AFS AF  
STATE

73-51

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOUR BY HOUR OBSERVATION

170-0001

37.1	38.7	39.7	39.0	39.7	39.0	38.5	38.0	38.7	39.0	38.0	38.0	38.7	38.0	38.7	38.0
40.3	40.9	41.7	41.9	42.0	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
41.7	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
42.5	43.5	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
42.9	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
43.8	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1
45.3	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
46.7	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
51.3	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
61.5	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
63.5	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
66.1	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
67.5	71.5	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
70.6	74.9	75.7	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
74.1	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
77.1	82.4	82.5	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
78.6	84.1	84.3	84.4	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
79.2	85.3	85.6	85.8	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
79.4	86.3	86.4	86.5	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
80.4	87.5	88.4	88.5	89.6	89.6	89.7	89.7	89.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0
80.9	88.3	88.9	89.0	90.2	90.2	90.3	90.3	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
81.2	88.9	89.3	90.0	91.1	91.1	91.3	91.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
81.2	89.1	90.3	90.6	91.7	91.7	92.1	92.2	92.2	92.6	92.6	92.6	92.6	92.6	92.6	92.6
81.2	89.1	90.4	90.7	91.9	91.9	92.2	92.7	92.7	93.1	93.3	93.3	93.3	93.3	93.3	93.3
81.2	89.1	90.4	90.7	91.9	91.9	92.2	92.7	92.7	93.2	93.4	93.4	93.4	93.4	93.4	93.4
81.3	89.2	90.8	91.0	92.2	92.2	92.6	93.2	93.2	93.7	93.9	93.9	93.9	93.9	93.9	93.9
81.3	89.6	91.4	91.6	93.1	93.1	93.5	94.5	94.6	95.2	95.5	95.5	95.5	95.5	95.5	95.5
81.3	89.8	91.6	91.9	93.3	93.3	94.0	95.3	95.7	96.3	97.2	97.2	97.2	97.2	97.2	97.2
81.3	89.8	91.6	92.1	93.5	93.5	94.4	95.7	96.1	96.9	98.1	98.1	98.2	98.2	98.2	98.2
81.3	90.1	91.9	92.3	93.8	93.8	94.6	95.9	96.3	97.1	98.3	98.3	99.2	99.2	99.2	99.2
81.3	90.1	91.7	92.3	93.8	93.8	94.6	95.9	96.3	97.1	98.3	98.3	99.3	99.3	99.3	99.3
81.3	90.1	91.7	92.3	93.8	93.8	94.6	95.9	96.3	97.1	98.3	98.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS 630

SAFETY

1997-1998, 1999-2000, 2001-2002, 2003-2004, 2005-2006, 2007-2008, 2009-2010, 2011-2012, 2013-2014, 2015-2016, 2017-2018, 2019-2020, 2021-2022, 2023-2024, 2025-2026, 2027-2028, 2029-2030, 2031-2032, 2033-2034, 2035-2036, 2037-2038, 2039-2040, 2041-2042, 2043-2044, 2045-2046, 2047-2048, 2049-2050, 2051-2052, 2053-2054, 2055-2056, 2057-2058, 2059-2060, 2061-2062, 2063-2064, 2065-2066, 2067-2068, 2069-2070, 2071-2072, 2073-2074, 2075-2076, 2077-2078, 2079-2080, 2081-2082, 2083-2084, 2085-2086, 2087-2088, 2089-2090, 2091-2092, 2093-2094, 2095-2096, 2097-2098, 2099-2100, 2101-2102, 2103-2104, 2105-2106, 2107-2108, 2109-2110, 2111-2112, 2113-2114, 2115-2116, 2117-2118, 2119-2120, 2121-2122, 2123-2124, 2125-2126, 2127-2128, 2129-2130, 2131-2132, 2133-2134, 2135-2136, 2137-2138, 2139-2140, 2141-2142, 2143-2144, 2145-2146, 2147-2148, 2149-2150, 2151-2152, 2153-2154, 2155-2156, 2157-2158, 2159-2160, 2161-2162, 2163-2164, 2165-2166, 2167-2168, 2169-2170, 2171-2172, 2173-2174, 2175-2176, 2177-2178, 2179-2180, 2181-2182, 2183-2184, 2185-2186, 2187-2188, 2189-2190, 2191-2192, 2193-2194, 2195-2196, 2197-2198, 2199-2200, 2201-2202, 2203-2204, 2205-2206, 2207-2208, 2209-2210, 2211-2212, 2213-2214, 2215-2216, 2217-2218, 2219-2220, 2221-2222, 2223-2224, 2225-2226, 2227-2228, 2229-2230, 2231-2232, 2233-2234, 2235-2236, 2237-2238, 2239-2240, 2241-2242, 2243-2244, 2245-2246, 2247-2248, 2249-2250, 2251-2252, 2253-2254, 2255-2256, 2257-2258, 2259-2260, 2261-2262, 2263-2264, 2265-2266, 2267-2268, 2269-2270, 2271-2272, 2273-2274, 2275-2276, 2277-2278, 2279-2280, 2281-2282, 2283-2284, 2285-2286, 2287-2288, 2289-2290, 2291-2292, 2293-2294, 2295-2296, 2297-2298, 2299-2300, 2301-2302, 2303-2304, 2305-2306, 2307-2308, 2309-2310, 2311-2312, 2313-2314, 2315-2316, 2317-2318, 2319-2320, 2321-2322, 2323-2324, 2325-2326, 2327-2328, 2329-2330, 2331-2332, 2333-2334, 2335-2336, 2337-2338, 2339-2340, 2341-2342, 2343-2344, 2345-2346, 2347-2348, 2349-2350, 2351-2352, 2353-2354, 2355-2356, 2357-2358, 2359-2360, 2361-2362, 2363-2364, 2365-2366, 2367-2368, 2369-2370, 2371-2372, 2373-2374, 2375-2376, 2377-2378, 2379-2380, 2381-2382, 2383-2384, 2385-2386, 2387-2388, 2389-2390, 2391-2392, 2393-2394, 2395-2396, 2397-2398, 2399-2400, 2401-2402, 2403-2404, 2405-2406, 2407-2408, 2409-2410, 2411-2412, 2413-2414, 2415-2416, 2417-2418, 2419-2420, 2421-2422, 2423-2424, 2425-2426, 2427-2428, 2429-2430, 2431-2432, 2433-2434, 2435-2436, 2437-2438, 2439-2440, 2441-2442, 2443-2444, 2445-2446, 2447-2448, 2449-2450, 2451-2452, 2453-2454, 2455-2456, 2457-2458, 2459-2460, 2461-2462, 2463-2464, 2465-2466, 2467-2468, 2469-2470, 2471-2472, 2473-2474, 2475-2476, 2477-2478, 2479-2480, 2481-2482, 2483-2484, 2485-2486, 2487-2488, 2489-2490, 2491-2492, 2493-2494, 2495-2496, 2497-2498, 2499-2500, 2501-2502, 2503-2504, 2505-2506, 2507-2508, 2509-2510, 2511-2512, 2513-2514, 2515-2516, 2517-2518, 2519-2520, 2521-2522, 2523-2524, 2525-2526, 2527-2528, 2529-2530, 2531-2532, 2533-2534, 2535-2536, 2537-2538, 2539-2540, 2541-2542, 2543-2544, 2545-2546, 2547-2548, 2549-2550, 2551-2552, 2553-2554, 2555-2556, 2557-2558, 2559-2560, 2561-2562, 2563-2564, 2565-2566, 2567-2568, 2569-2570, 2571-2572, 2573-2574, 2575-2576, 2577-2578, 2579-2580, 2581-2582, 2583-2584, 2585-2586, 2587-2588, 2589-2590, 2591-2592, 2593-2594, 2595-2596, 2597-2598, 2599-2600, 2601-2602, 2603-2604, 2605-2606, 2607-2608, 2609-2610, 2611-2612, 2613-2614, 2615-2616, 2617-2618, 2619-2620, 2621-2622, 2623-2624, 2625-2626, 2627-2628, 2629-2630, 2631-2632, 2633-2634, 2635-2636, 2637-2638, 2639-2640, 2641-2642, 2643-2644, 2645-2646, 2647-2648, 2649-2650, 2651-2652, 2653-2654, 2655-2656, 2657-2658, 2659-2660, 2661-2662, 2663-2664, 2665-2666, 2667-2668, 2669-2670, 2671-2672, 2673-2674, 2675-2676, 2677-2678, 2679-2680, 2681-2682, 2683-2684, 2685-2686, 2687-2688, 2689-2690, 2691-2692, 2693-2694, 2695-2696, 2697-2698, 2699-2700, 2701-2702, 2703-2704, 2705-2706, 2707-2708, 2709-2710, 2711-2712, 2713-2714, 2715-2716, 2717-2718, 2719-2720, 2721-2722, 2723-2724, 2725-2726, 2727-2728, 2729-2730, 2731-2732, 2733-2734, 2735-2736, 2737-2738, 2739-2740, 27

72-51

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[illegible][illegible]

TOTAL NUMBER OF OBSERVATIONS

876



1  
2

U. S. AIR FORCE METEOROLOGICAL BRANCH  
OFFICE  
AIR WEATHER SERVICE / HQ

# CEILING VERSUS VISIBILITY

UNIT: SPANISH AIR FORCE

73-41

DATE: 10-1-50

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM 10,000 OBSERVATIONS

2.1	22.1	23.7	22.2	21.5	22.1	22.7	22.1	21.0	22.0	22.2	22.1	22.3	22.1	22.7	22.7
25.3	25.3	25.1	25.1	25.2	25.1	25.1	25.1	25.1	25.1	25.2	25.2	25.2	25.1	25.1	25.1
27.2	27.2	27.1	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2
28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7
30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4
32.3	32.3	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2
33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7
35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2
37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2
40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1
44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS: 10,000

AD-A128 119

SPARREVOHN AFS ALASKA REVISED UNIFORM SUMMARY OF  
SURFACE WEATHER OBSERVAT..(U) AIR FORCE ENVIRONMENTAL  
TECHNICAL APPLICATIONS CENTER SCOTT A. MAR 83  
USAFETAC/DS-83/005 SBI-AD-E850 389 F/G 4/2

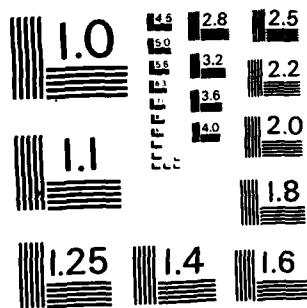
345

UNCLASSIFIED

TECHNICAL APPLICATIONS CENTER SCOT  
USAFETAC/DS-B3/005 SBI-AD-EB50 369

F/G 4/2

NL



MICROCOPY RESOLUTION TEST CHART  
NATIONAL BUREAU OF STANDARDS-1963-A

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

702350 SPARREVOHN AFS AK

73-81

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

1500-1700

20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1
26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0
28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6
29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1
30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2
32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8
36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0
37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 824



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

712350 SPARREVOHN AFS AK

73,75-81

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

2100-2300

34.7	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9
40.4	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
42.6	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1
42.7	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
44.3	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
46.1	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
49.2	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
50.0	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
54.3	55.0	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
63.1	63.9	64.3	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
65.6	66.4	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
68.1	68.9	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
69.1	70.0	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
74.3	75.4	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
79.9	80.3	80.4	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
81.4	83.0	83.1	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
84.5	86.3	87.1	87.2	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
86.0	87.7	88.6	89.0	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
87.1	89.0	89.9	90.2	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
87.9	90.4	91.8	92.1	92.9	93.2	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
88.6	91.3	92.7	93.1	93.8	94.2	94.2	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
88.8	91.8	93.4	93.8	94.6	95.0	95.0	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
88.8	91.8	93.4	93.8	94.6	95.0	95.0	95.3	95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
89.0	92.1	93.7	94.3	95.3	95.6	95.6	95.9	95.9	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
89.3	92.7	94.3	95.0	95.9	96.2	96.4	96.7	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
89.3	93.1	94.8	95.4	96.4	96.7	96.8	97.3	97.3	97.6	97.9	97.9	97.9	97.9	97.9	97.9	97.9
89.3	93.1	94.8	95.4	96.4	96.7	96.8	97.3	97.3	97.6	98.3	98.3	98.3	98.3	98.3	98.3	98.3
89.3	93.1	95.1	95.7	96.7	97.0	97.2	97.8	97.9	98.4	99.2	99.2	99.3	99.3	99.3	99.3	99.3
89.3	93.1	95.1	95.7	96.7	97.0	97.2	97.8	97.9	98.4	99.2	99.2	99.3	99.3	99.3	99.3	99.3
89.3	93.1	95.1	95.7	96.7	97.0	97.2	97.8	97.9	98.4	99.2	99.2	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS 634

1 GLOBAL CLIMATOLOGY BRANCH  
2 USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

7 2300 SPARREVOHN AFS AK

73-81

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

ALL

32.4	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0
36.6	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.3	37.3	37.3	37.3	37.3	37.3	37.3
39.7	39.8	39.8	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9
39.5	40.3	40.3	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
40.4	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3
42.1	42.9	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.1	43.1
45.7	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.9	45.9	45.9	45.9	45.9	45.9	45.9
46.4	47.2	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
51.2	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.5	52.5
57.5	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.2	59.2
59.3	61.1	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
62.3	64.2	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
64.6	66.6	66.7	66.7	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
68.8	70.8	71.7	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.1	71.1
74.0	76.4	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.8	76.8
77.8	80.8	81.0	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
81.4	84.6	85.1	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.7	85.7
83.7	87.2	87.8	88.2	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.6	88.6
84.5	88.1	88.8	89.3	89.5	89.5	89.5	89.5	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6
85.9	90.2	91.3	91.8	92.2	92.3	92.3	92.3	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.6	92.6
86.7	91.1	92.3	92.9	93.3	93.5	93.6	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.9	93.9
87.3	91.6	92.9	93.6	94.0	94.2	94.3	94.4	94.5	94.6	94.6	94.6	94.6	94.7	94.7	94.7	94.7
87.2	91.9	93.3	94.0	94.5	94.7	95.0	95.1	95.1	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3
87.3	92.2	93.7	94.5	95.0	95.2	95.4	95.7	95.7	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1
87.4	92.3	93.8	94.7	95.3	95.5	95.9	96.1	96.2	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6
87.5	92.5	94.0	95.0	95.6	95.8	96.2	96.5	96.6	96.9	97.0	97.0	97.0	97.0	97.0	97.1	97.1
87.5	92.6	94.3	95.3	96.0	96.2	96.7	97.1	97.2	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7
87.5	92.8	94.5	95.5	96.2	96.5	96.9	97.5	97.6	97.9	98.5	98.6	98.6	98.6	98.6	98.6	98.6
87.5	92.8	94.8	95.6	96.3	96.6	97.1	97.7	97.8	98.2	99.0	99.0	99.2	99.2	99.3	99.3	99.3
87.5	92.9	94.8	95.6	96.3	96.6	97.1	97.7	97.9	98.3	99.2	99.2	99.5	99.5	99.6	99.6	99.6
87.5	92.9	94.6	95.6	96.3	96.6	97.1	97.7	97.9	98.3	99.2	99.2	99.6	99.6	99.8	99.8	99.8
87.5	92.9	94.6	95.6	96.3	96.6	97.1	97.7	97.9	98.3	99.2	99.2	99.6	99.6	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 6283

## CEILING VERSUS VISIBILITY

SPARREVOHN AFS AK

73-81

304

0000-0000

TOTAL NUMBER OF OBSERVATIONS 767

USAF FIAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

72350 SPARREVOHN AFS AK

73-81

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

0300-0500

30.2	31.2	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5
32.8	33.8	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1
34.4	35.9	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2
34.8	36.2	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6
35.3	36.8	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1
36.5	37.9	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3
38.0	39.6	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
39.9	40.5	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
42.0	44.1	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
48.2	50.5	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	51.0	51.0	51.2
49.9	52.2	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.7	52.7	52.8
54.5	56.8	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.3	57.3	57.5
56.4	58.9	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.5	59.5	59.6
60.0	63.8	64.3	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.5	64.5	64.7
63.4	67.6	68.1	68.1	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.4	68.4	68.6
66.5	72.2	72.5	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.8	72.8	73.0
68.8	74.7	75.2	75.2	75.3	75.3	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.6	75.6	75.8
69.8	76.0	76.6	76.6	76.7	76.7	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.4	77.4	77.6
70.1	76.6	77.5	77.5	77.6	77.6	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.3	78.3	78.5
72.2	78.9	79.8	80.2	80.3	80.3	80.7	81.2	81.2	81.2	81.2	81.2	81.2	81.4	81.4	81.6
72.4	79.7	81.7	81.1	81.2	81.2	81.6	82.1	82.1	82.1	82.1	82.1	82.1	82.3	82.3	82.5
73.3	81.5	83.0	83.4	83.5	83.5	83.9	84.4	84.4	84.4	84.4	84.4	84.4	84.6	84.6	84.8
73.8	82.1	83.9	84.3	84.4	84.4	84.8	85.3	85.3	85.3	85.3	85.3	85.3	85.5	85.5	85.7
74.8	83.3	85.1	85.6	85.7	85.7	86.1	86.4	86.6	86.6	86.6	86.6	86.6	86.8	86.8	87.0
75.3	84.1	86.1	86.6	86.8	86.9	87.4	87.9	87.9	87.9	87.9	87.9	87.9	88.0	88.0	88.3
75.3	84.4	86.5	87.0	87.1	87.3	87.8	88.3	88.3	88.3	88.3	88.3	88.3	88.4	88.4	88.7
75.3	84.6	87.5	88.2	88.7	88.9	89.8	90.5	90.5	90.5	90.5	90.6	90.6	90.7	90.7	91.0
75.3	85.1	88.6	89.3	89.8	90.4	91.3	92.3	92.4	92.5	93.2	93.2	93.3	93.3	93.4	93.6
75.3	85.1	88.8	89.5	90.0	90.5	91.6	92.7	92.8	93.1	93.8	93.8	94.6	94.7	94.9	95.0
75.3	85.1	88.8	89.7	90.2	90.7	91.9	92.9	93.1	93.8	94.6	94.6	95.5	95.6	95.8	95.9
75.3	85.1	88.8	89.7	90.2	90.7	91.9	92.9	93.1	93.8	94.9	94.9	96.5	96.7	96.8	98.5
75.3	85.1	88.8	89.7	90.2	90.7	91.9	92.9	93.1	93.8	94.9	94.9	96.5	96.7	97.0	100.0

TOTAL NUMBER OF OBSERVATIONS 778

1  
2

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

702350 SPARREVOHN AFS AM

73-81

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

1600-0800

32.8	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2
34.6	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3
35.6	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5
36.7	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6
37.1	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9
38.5	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
40.3	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2
40.9	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8
46.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
51.3	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
52.9	54.2	54.2	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
57.4	59.1	59.1	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
59.9	61.8	61.8	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
62.2	64.7	64.9	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
65.3	67.9	68.1	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
66.3	69.4	69.5	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
68.5	72.2	72.3	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
70.6	74.7	75.3	75.6	75.6	75.6	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
71.2	75.4	75.6	76.4	76.4	76.4	76.5	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
72.7	77.1	77.4	78.7	79.0	79.1	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
75.3	79.6	80.0	81.4	81.7	81.9	82.3	82.4	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6
75.6	80.8	81.2	82.6	82.8	83.1	83.5	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7
76.8	82.2	82.7	84.1	84.4	84.7	85.3	85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5
77.7	84.4	84.9	86.3	86.5	86.9	87.6	87.8	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9
78.5	85.1	85.6	87.1	87.3	87.9	88.6	88.8	88.8	89.1	89.1	89.1	89.1	89.1	89.1	89.1
79.2	86.5	87.2	88.4	88.8	89.6	90.4	90.8	90.8	91.2	91.2	91.2	91.2	91.2	91.2	91.2
79.5	87.3	88.5	90.4	90.9	91.7	92.7	93.2	93.3	93.7	94.0	94.0	94.0	94.0	94.0	94.0
79.5	87.8	89.1	91.5	92.2	92.9	94.1	94.7	94.9	95.3	95.5	95.5	95.5	95.5	95.5	95.5
79.5	87.9	89.5	92.1	92.8	93.6	94.7	95.5	95.6	96.5	96.8	96.8	96.9	96.9	96.9	96.9
79.5	87.9	89.5	92.1	92.8	93.6	94.7	95.5	95.6	97.4	97.9	97.9	98.5	98.5	98.8	98.8
79.5	87.9	89.5	92.1	92.8	93.6	94.7	95.5	95.6	97.4	97.9	97.9	98.5	98.5	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 780

USAF ETAC 0-14.5 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

770300 SPARREVOHN AFS AK

73-81

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

1900-1100

25.6	26.7	26.7	26.0	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7
29.3	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4
31.3	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7
32.0	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4
32.4	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7
33.8	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1
36.2	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6
37.5	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9
43.6	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
47.1	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
49.1	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
52.7	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
54.7	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
62.3	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
64.6	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
68.8	69.7	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
72.3	73.8	74.2	74.2	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
73.5	75.6	76.0	76.0	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
77.7	81.1	81.5	81.5	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
79.8	83.8	84.7	84.8	84.9	84.9	85.3	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4
81.5	85.8	86.7	86.8	87.1	87.1	87.5	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6
83.2	88.1	89.4	89.6	89.9	89.9	90.3	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
83.8	89.3	90.8	91.3	91.7	91.7	92.1	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3
85.9	90.0	91.8	92.3	93.0	93.0	93.6	93.7	93.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0
84.4	90.9	93.4	93.9	94.5	94.6	95.5	95.7	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9
84.4	91.6	94.4	95.0	95.8	95.9	96.8	96.9	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2
84.9	92.1	95.0	96.0	96.8	96.9	98.0	98.1	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5
84.9	92.1	95.0	96.0	96.8	97.1	98.1	98.2	98.3	98.6	98.7	98.7	98.7	98.7	98.7	98.7
84.9	92.1	95.0	96.0	96.8	97.1	98.1	98.2	98.3	98.8	99.4	99.4	99.5	99.5	99.5	99.6
84.9	92.1	95.0	96.0	96.8	97.1	98.1	98.2	98.3	98.8	99.4	99.4	99.5	99.5	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 782

USAF ETAC 11-44-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

712350 SPARREVOHN AFS AK

73-81

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

12.0-1400

19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3
22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8
24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3
24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8
25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3
26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1
29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9
31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2
33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2
35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8
37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6
42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1
45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
49.9	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
64.8	64.8	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
72.0	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
77.2	79.9	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
79.7	81.8	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
82.1	86.1	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
83.5	88.5	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
84.5	89.6	91.4	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
85.7	91.8	94.1	94.2	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
86.1	92.3	95.1	95.4	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
86.2	92.7	95.7	96.0	96.4	96.4	96.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
86.3	93.0	96.3	96.8	97.3	97.3	97.3	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
86.3	93.1	96.7	97.3	98.1	98.1	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
86.6	93.6	97.4	98.1	98.8	99.0	99.1	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7
86.6	93.6	97.4	98.1	98.8	99.0	99.2	99.6	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9
86.6	93.6	97.4	98.1	98.8	99.0	99.2	99.6	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0
86.6	93.6	97.4	98.1	98.8	99.0	99.2	99.6	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 782

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/14C

## CEILING VERSUS VISIBILITY

772350 SPARREVOHY AFS AK

73-81

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

1500-1700

17.3	17.4	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6
21.3	21.3	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5
23.3	23.6	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7
23.4	23.7	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9
23.7	24.0	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2
25.2	25.5	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7
25.7	29.0	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1
29.4	29.7	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9
32.4	33.0	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2
37.7	38.4	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6
41.6	42.3	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5
45.3	46.1	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
48.5	49.2	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
55.1	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
62.9	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
68.6	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
76.0	77.9	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
80.5	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
83.7	85.9	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
86.1	89.5	89.9	89.9	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
87.7	91.7	92.3	92.5	93.2	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
88.4	92.9	93.7	93.8	94.7	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
89.3	94.7	96.1	96.2	97.1	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
89.5	95.3	96.7	96.8	97.7	97.9	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
89.5	95.9	97.4	97.6	98.5	98.8	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
89.5	95.9	97.6	97.7	98.6	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
89.5	96.1	97.7	97.9	98.9	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
89.5	96.1	97.7	97.9	98.9	99.4	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
89.5	96.1	97.7	97.9	98.9	99.4	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
89.5	96.1	97.7	97.9	98.9	99.4	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
89.5	96.1	97.7	97.9	98.9	99.4	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
89.5	96.1	97.7	97.9	98.9	99.4	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 666

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

7 2350 SPADREVDH AFS AK

74, 76, 81

JUN

PER CENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

1800-2100

20.9	20.9	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5
25.7	25.7	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2
29.3	29.3	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9
30.5	30.5	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0
30.5	30.5	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0
32.3	32.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
35.4	35.4	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0
36.0	36.0	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6
41.0	41.0	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6
47.5	47.5	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
50.4	50.4	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
53.6	54.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
57.1	57.5	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
62.6	63.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
67.8	68.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
71.6	72.8	73.9	74.1	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
77.2	78.5	79.7	79.9	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
81.4	83.1	84.3	84.5	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
82.8	84.5	85.6	85.8	86.0	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
85.2	87.2	88.3	88.5	88.9	88.9	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
87.2	90.2	91.4	91.8	92.3	92.5	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
87.9	91.8	93.5	93.9	94.4	94.6	95.4	95.8	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0
88.3	92.5	94.3	94.6	95.2	95.4	96.2	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7
88.3	93.3	95.0	95.4	96.0	96.2	96.9	97.3	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5
88.5	93.9	96.1	96.6	97.1	97.3	98.1	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7
88.5	94.1	96.2	96.7	97.3	97.5	98.3	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9
88.5	94.1	96.2	96.9	98.1	98.5	99.4	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
88.5	94.1	96.2	96.9	98.1	98.5	99.4	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
88.5	94.1	96.2	96.9	98.1	98.5	99.4	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
88.5	94.1	96.2	96.9	98.1	98.5	99.4	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
88.5	94.1	96.2	96.9	98.1	98.5	99.4	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 522

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

7-130 SPARREVOHN AFS AK

73, 7<sup>c</sup>-B4

44.

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

41-23-2372

29.3	28.5	29.7	29.0	29.7	29.3	29.0	29.3	29.7	29.3	29.0	29.3	29.7	29.7	29.3
30.9	31.1	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6
33.1	33.3	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8
33.6	33.8	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4
34.7	34.2	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8
35.5	35.7	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2
39.2	39.4	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9
40.1	40.3	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
46.7	46.2	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
50.5	50.6	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
53.7	53.2	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
60.1	60.3	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
63.8	64.1	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
67.3	68.0	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
71.3	72.1	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
75.6	77.1	77.8	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
77.4	78.9	79.7	79.9	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
78.2	79.7	80.8	81.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
78.9	80.8	81.9	82.1	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
82.1	84.8	86.0	86.1	86.5	86.5	86.5	86.5	86.7	86.7	86.7	86.7	86.7	86.7	86.7
83.5	87.2	88.4	88.9	89.5	89.5	89.8	89.8	89.8	90.2	90.2	90.2	90.2	90.2	90.2
83.9	88.4	89.8	90.4	90.9	90.9	91.3	91.5	91.5	92.1	92.1	92.1	92.1	92.1	92.1
84.1	88.9	90.4	90.9	91.7	91.7	92.1	92.2	92.2	92.8	92.8	92.8	92.8	92.8	92.8
84.3	89.3	90.9	91.5	92.2	92.2	92.6	93.0	93.0	93.5	93.5	93.5	93.5	93.5	93.5
84.5	89.5	91.1	91.7	92.4	92.4	92.8	93.2	93.2	93.7	93.7	93.7	93.7	93.7	93.7
85.0	90.2	91.9	92.4	93.2	93.2	93.5	93.9	93.9	94.5	94.5	94.5	94.5	94.5	94.5
85.2	90.6	92.8	93.3	94.3	94.3	94.6	95.0	95.0	95.6	95.6	95.6	95.6	95.6	95.6
85.2	90.8	93.0	93.5	94.5	94.5	95.0	95.7	95.7	96.3	97.0	97.0	97.0	97.0	97.0
85.2	90.9	93.2	93.7	94.8	94.8	95.6	96.5	96.5	97.2	98.3	98.3	98.9	98.9	98.9
85.2	90.9	93.2	93.7	94.8	94.8	95.9	96.9	96.9	97.6	98.9	98.9	99.4	99.4	99.4
85.2	90.9	93.2	93.7	94.8	94.8	95.9	96.9	96.9	97.6	98.9	98.9	99.6	99.6	99.6
85.2	90.9	93.2	93.7	94.8	94.8	95.9	96.9	96.9	97.6	98.9	98.9	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 541[illegible]

CLIMATOLOGY BRANCH  
TAC  
FATHER SERVICE / TAC

## CEILING VERSUS VISIBILITY

OPREVOH, AFS, AK

73-21

304

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

ALL

26.3	26.7	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9
29.3	29.7	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9
30.3	31.7	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3
31.4	32.3	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6
31.4	32.7	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1
32.1	34.1	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2
32.6	36.6	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8
32.6	37.5	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8
42.3	42.3	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
42.6	46.7	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
47.8	49.1	49.3	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
52.1	53.6	53.8	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
54.7	56.4	56.7	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
55.9	61.1	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
54.3	66.6	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
67.8	70.5	70.9	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
71.8	75.1	75.6	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
74.6	78.4	78.9	79.1	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
75.7	79.8	80.4	80.6	80.6	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
78.3	82.9	83.7	84.0	84.2	84.2	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.5	84.5	84.5
79.7	85.1	85.1	86.6	86.9	87.0	87.3	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
81.5	86.6	87.8	88.3	88.7	88.8	89.1	89.2	89.2	89.3	89.3	89.3	89.3	89.4	89.4	89.4	89.4
81.3	87.9	89.4	89.9	90.3	90.3	90.7	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
81.8	88.8	90.5	91.0	91.5	91.6	91.9	92.1	92.1	92.2	92.2	92.2	92.2	92.3	92.3	92.3	92.3
82.1	89.4	91.2	91.8	92.3	92.5	92.9	93.1	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
82.4	90.0	92.0	92.7	93.2	93.4	93.9	94.2	94.2	94.3	94.3	94.3	94.3	94.4	94.4	94.4	94.4
82.5	90.4	92.8	93.6	94.4	94.6	95.2	95.5	95.6	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8
82.6	90.8	93.4	94.4	95.2	95.5	96.1	96.7	96.7	96.9	97.2	97.2	97.3	97.3	97.3	97.3	97.3
82.6	93.9	93.6	94.6	95.5	95.8	96.5	97.1	97.2	97.5	97.9	97.9	98.2	98.2	98.2	98.2	98.2
82.6	90.9	93.7	94.7	95.5	95.9	96.6	97.2	97.3	97.9	98.3	98.3	98.7	98.8	98.9	98.9	98.9
82.6	93.9	93.7	94.7	95.5	95.9	96.6	97.2	97.3	97.9	98.4	98.5	99.0	99.1	99.2	99.5	99.5
82.6	90.9	93.7	94.7	95.5	95.9	96.6	97.2	97.3	97.9	98.4	98.5	99.0	99.1	99.3	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 5615

GLOBAL CLIMATOLOGY BRANCH  
USAFCTAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

7 2350 SPARREVORN AFS AK

73-81

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

0000-0200

26.2	28.9	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3
27.9	30.6	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0
28.3	31.3	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6
28.4	31.4	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8
28.8	31.8	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2
29.6	32.6	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9
31.3	34.9	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3
33.1	36.2	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6
37.7	40.9	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2
42.5	46.2	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6
44.6	48.4	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
47.9	52.7	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
49.0	53.8	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
52.3	58.5	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
56.9	63.7	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
67.8	69.9	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
63.8	73.4	73.9	74.2	74.3	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	75.0
66.5	77.0	77.6	78.0	78.6	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.2
67.3	78.0	78.9	79.2	79.9	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.5
68.9	79.8	81.2	81.6	82.6	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.3
69.9	81.2	82.7	83.5	84.7	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.5
71.7	83.7	85.3	86.3	87.8	88.2	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.8
71.7	83.9	85.7	86.6	88.3	88.7	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.5
72.0	84.6	86.8	87.8	90.0	90.4	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.3
72.1	85.0	87.2	88.2	90.4	90.9	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	92.1
72.2	85.6	87.9	89.0	91.2	91.7	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.9
72.2	85.7	88.3	89.4	91.5	92.3	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.6
72.2	86.3	89.0	90.3	93.3	94.2	95.1	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.4
72.2	86.3	89.0	90.3	93.5	94.4	95.6	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	97.1
72.2	86.3	89.1	90.4	93.6	94.7	96.0	96.8	97.0	97.1	97.4	97.4	97.4	97.4	97.4	98.3
72.2	86.3	89.1	90.4	93.6	94.7	96.0	96.8	97.1	97.5	97.9	97.9	97.9	97.9	97.9	98.5
72.2	86.3	89.1	90.4	93.6	94.7	96.0	96.8	97.1	97.5	97.9	97.9	97.9	97.9	97.9	99.5
72.2	86.3	89.1	90.4	93.6	94.7	96.0	96.8	97.1	97.5	97.9	97.9	97.9	97.9	97.9	100.0

TOTAL NUMBER OF OBSERVATIONS 771

USAFCTAC 73-81 A WEATHER SERVICE/MAC ARE DISCLOSED

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

7 2350 SPARREVOHN AFS AK

73-81

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

0300-1500

25.4	27.6	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7
27.3	29.5	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6
28.1	31.4	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5
28.3	31.6	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7
29.2	32.7	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9
30.5	34.0	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1
32.1	35.8	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
33.1	36.8	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9
37.5	41.4	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6
42.7	47.1	47.2	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
44.7	49.4	49.5	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
46.6	51.8	52.1	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
47.2	52.5	52.9	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
52.5	59.2	59.6	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
57.7	64.6	65.7	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
60.1	69.0	69.4	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
62.1	71.3	71.7	72.3	72.3	72.3	72.4	72.4	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5
64.5	73.8	74.3	75.1	75.1	75.1	75.2	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3
65.0	74.4	75.1	75.8	75.8	75.8	75.9	75.9	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1
66.5	76.2	77.1	77.8	78.0	78.2	78.3	78.3	78.3	78.5	78.5	78.5	78.5	78.5	78.5	78.5
66.9	76.6	77.7	78.5	78.7	79.3	79.3	79.3	79.3	79.5	79.5	79.5	79.5	79.5	79.5	79.5
67.4	77.5	79.3	79.7	80.3	80.2	80.5	81.0	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2
67.6	78.2	79.7	80.5	80.9	81.1	81.4	81.9	82.7	82.1	82.1	82.1	82.1	82.1	82.1	82.1
68.3	78.8	80.6	81.4	82.0	82.5	83.0	83.5	83.6	83.8	83.8	83.8	83.8	83.8	83.8	83.8
68.5	79.3	81.6	82.4	83.2	83.8	84.3	84.8	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0
68.5	79.8	82.4	83.1	84.0	84.5	85.0	85.5	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8
68.6	80.9	83.9	85.0	86.0	86.6	87.3	87.9	88.0	88.3	88.3	88.3	88.3	88.3	88.3	88.3
68.6	81.1	84.3	85.5	86.6	87.4	88.5	89.2	89.3	89.7	90.2	90.2	90.6	90.6	90.6	90.6
68.6	81.1	84.4	85.6	86.9	87.7	89.4	90.3	90.4	90.8	91.7	91.7	92.3	92.3	92.3	92.3
68.6	81.1	84.4	85.6	87.0	87.9	89.7	90.7	90.8	92.3	93.7	93.8	95.1	95.2	96.0	96.3
68.6	81.1	84.4	85.6	87.0	87.9	89.7	90.8	90.9	92.4	93.8	94.0	95.6	95.7	96.9	97.6
68.6	81.1	84.4	85.6	87.0	87.9	89.7	90.8	90.9	92.4	93.8	94.0	95.6	95.7	96.9	97.6

TOTAL NUMBER OF OBSERVATIONS 794

USAF ETAC 73-1445 (DL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1  
2  
GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

712350 SPARREVOHN AFS AK

73-81

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

0600-1800

25.1	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.8	26.8	26.8	26.8	26.8	27.0	27.0	27.0	27.0
26.8	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.6	28.6	28.6	28.6	28.6	28.7	28.7	28.7	28.7
28.6	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.2	31.2	31.2	31.2	31.2	31.3	31.3	31.3	31.3
28.8	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.5	31.5	31.5	31.5	31.5	31.6	31.6	31.6	31.6
29.2	31.8	31.8	31.8	31.8	31.8	31.8	31.8	32.0	32.0	32.0	32.0	32.0	32.1	32.1	32.1	32.1
31.2	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.1	34.1	34.1	34.1	34.1	34.2	34.2	34.2	34.2
32.5	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.3	35.3	35.3	35.3	35.3	35.5	35.5	35.5	35.5
34.3	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.2	37.2	37.2	37.2	37.2	37.3	37.3	37.3	37.3
39.6	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.4	42.4	42.4	42.4	42.4	42.6	42.6	42.6	42.6
43.8	46.9	46.9	46.9	46.9	46.9	46.9	46.9	47.1	47.1	47.1	47.1	47.1	47.2	47.2	47.2	47.2
45.6	48.9	48.9	48.9	48.9	48.9	48.9	48.9	49.1	49.1	49.1	49.1	49.1	49.2	49.2	49.2	49.2
47.7	51.3	51.4	51.4	51.4	51.4	51.4	51.4	51.6	51.6	51.6	51.6	51.6	51.7	51.7	51.7	51.7
48.3	52.1	52.2	52.2	52.2	52.2	52.2	52.2	52.3	52.3	52.3	52.3	52.3	52.4	52.4	52.4	52.4
53.7	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.6	58.6	58.6	58.6
57.8	62.8	62.9	63.0	63.2	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.4	63.4	63.4	63.4
59.8	65.3	65.4	65.5	65.7	65.7	65.7	65.7	65.8	65.8	65.8	65.8	65.8	65.9	65.9	65.9	65.9
61.5	67.5	67.8	68.0	68.2	68.2	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.4	68.4	68.4	68.4
62.7	69.5	69.8	70.4	70.5	70.5	70.5	70.5	70.7	70.7	70.7	70.7	70.7	70.8	70.8	70.8	70.8
62.7	69.7	70.3	70.7	70.8	70.8	70.8	70.8	70.9	70.9	70.9	70.9	70.9	71.0	71.0	71.0	71.0
64.7	72.2	73.2	73.8	73.9	73.9	73.9	73.9	74.0	74.0	74.0	74.0	74.0	74.2	74.2	74.2	74.2
65.9	73.7	74.7	75.3	75.4	75.4	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.7	75.7	75.7	75.7
66.8	75.2	76.4	77.0	77.3	77.3	77.3	77.3	77.5	77.5	77.5	77.5	77.5	77.7	77.7	77.7	77.7
67.9	76.4	77.7	78.3	78.8	78.8	78.8	78.8	79.4	79.4	79.4	79.4	79.4	79.5	79.5	79.5	79.5
68.9	77.5	78.9	79.5	80.4	80.5	80.5	80.5	81.3	81.3	81.3	81.3	81.3	81.4	81.4	81.4	81.4
69.2	77.9	79.7	80.4	81.4	81.5	81.5	81.5	82.8	82.8	82.8	82.8	82.8	82.9	82.9	82.9	82.9
69.5	78.8	80.5	81.3	82.4	82.5	82.5	82.5	84.1	84.1	84.1	84.1	84.1	84.3	84.3	84.3	84.3
69.8	80.3	82.3	83.0	84.3	84.4	84.4	84.4	86.4	86.4	86.4	86.4	86.4	86.5	86.5	86.5	86.5
69.9	80.8	83.1	84.3	85.5	86.1	86.9	86.9	88.8	88.9	89.0	89.3	89.3	89.5	89.5	89.5	89.5
69.9	80.9	84.0	85.4	87.1	87.8	88.9	88.9	91.1	91.3	91.8	92.6	92.6	93.3	93.3	93.3	93.4
69.9	80.9	84.0	85.4	87.3	87.9	89.0	89.0	91.8	92.0	92.5	93.9	94.0	95.6	95.6	96.3	96.5
69.9	80.9	84.0	85.4	87.4	88.0	89.1	89.1	91.9	92.1	92.6	94.0	94.1	96.1	96.1	97.0	98.1
69.9	80.9	84.1	85.4	87.4	88.0	89.1	89.1	91.9	92.1	92.6	94.1	94.3	96.4	96.4	98.0	100.0

TOTAL NUMBER OF OBSERVATIONS 801

1 GLOBAL CLIMATOLOGY BRANCH  
2 USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

7 2350 SPAREVOHN AFS AK  
12/1/81

13-81

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

3900-1100

23.2	24.2	24.5	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6
26.3	27.3	27.6	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7
27.3	28.3	28.6	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7
28.3	29.3	29.6	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7
28.6	29.6	29.8	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9
30.8	31.8	32.0	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2
32.7	33.7	33.9	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0
35.4	36.4	36.6	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8
40.0	41.0	41.4	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5
42.7	43.7	44.1	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
44.5	45.5	45.8	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
47.6	48.6	48.9	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
48.1	49.1	49.4	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
50.8	52.3	52.8	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
55.3	57.1	57.6	57.9	57.9	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
59.6	61.9	62.4	62.6	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
62.4	64.8	65.3	65.7	65.7	65.8	66.0	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2
64.5	67.8	68.6	68.9	68.9	69.1	69.2	69.3	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4
65.5	68.9	69.8	70.2	70.2	70.3	70.4	70.6	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7
67.7	71.9	73.2	73.7	73.8	73.9	74.0	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3
70.9	76.1	78.1	78.6	79.0	79.1	79.4	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6
72.5	78.5	81.0	81.6	82.2	82.4	82.6	82.7	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9
74.3	80.5	83.0	83.7	84.6	85.1	85.3	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6
75.0	81.7	84.2	85.1	86.1	86.6	87.2	87.5	87.5	87.7	87.7	87.7	87.7	87.7	87.7	87.7
75.5	82.5	85.1	86.0	87.2	87.8	88.6	88.8	88.8	89.1	89.1	89.1	89.1	89.1	89.1	89.1
75.9	83.0	85.7	87.0	88.4	89.1	89.8	90.1	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3
76.3	83.6	86.5	88.1	89.7	90.6	91.8	92.4	92.6	92.8	93.0	93.0	93.2	93.2	93.2	93.2
76.6	84.7	87.7	89.3	91.3	92.4	94.0	95.2	95.3	95.8	96.3	96.3	96.5	96.5	96.5	96.5
76.6	84.7	87.8	89.4	91.4	92.7	94.5	95.8	95.9	96.6	97.9	97.9	98.1	98.1	98.1	98.1
76.6	84.7	87.8	89.4	91.6	92.8	94.7	96.0	96.1	97.1	98.5	98.5	99.1	99.1	99.1	99.1
76.8	84.8	88.0	89.6	91.7	92.9	94.8	96.1	96.3	97.3	98.6	98.6	99.3	99.4	99.5	99.5
76.8	84.8	88.0	89.6	91.7	92.9	94.8	96.1	96.3	97.3	98.6	98.6	99.4	99.5	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 805

2

11

73-81

JUL

1200-1400

1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 26

● 2

TOTAL NUMBER OF OBSERVATIONS 796

USAF ETAC FORM 1.14.5 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

702350 SPARREVOHN AFS AK

73-81

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

1500-1700

VISIBILITY - STATUTE MILES																
27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11
17.2	17.2	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
21.4	21.6	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7
23.1	23.3	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
24.5	24.7	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8
24.7	24.8	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
25.6	25.8	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9
28.4	28.7	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9
30.1	30.4	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6
32.8	33.1	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2
35.9	36.2	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3
37.3	37.6	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
40.2	40.7	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8
41.6	42.2	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4
46.6	47.4	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
55.4	56.5	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
61.8	62.9	63.3	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
73.3	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
79.5	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
81.5	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
85.7	88.5	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
87.6	92.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
88.8	92.2	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
89.3	93.0	93.9	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
89.8	93.8	94.9	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.8	95.8	95.8	95.8	95.8	95.8	95.8
89.9	93.9	95.0	95.3	95.5	95.5	95.5	95.5	95.5	95.5	96.0	96.0	96.0	96.0	96.0	96.0	96.0
90.2	94.3	95.3	95.7	96.0	96.0	96.0	96.0	96.0	96.0	96.4	96.4	96.4	96.4	96.4	96.4	96.4
90.4	94.4	95.7	96.0	96.3	96.3	96.4	96.6	96.6	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
90.4	94.4	95.7	96.1	96.4	96.4	96.4	96.6	96.9	97.2	97.7	97.8	97.8	97.8	97.8	97.8	97.8
90.4	94.4	95.7	96.1	96.4	96.4	96.4	97.0	97.4	97.7	98.1	98.4	98.4	98.4	98.4	98.4	98.4
90.4	94.4	95.7	96.1	96.4	96.4	96.4	97.4	98.0	98.4	98.9	99.7	99.7	99.8	99.8	99.8	99.8
90.4	94.4	95.7	96.1	96.4	96.4	96.4	97.4	98.0	98.4	98.9	99.8	99.8	100.0	100.0	100.0	100.0
90.4	94.4	95.7	96.1	96.4	96.4	96.4	97.4	98.0	98.4	98.9	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 644

USAF ETAC 0-14-5 IOL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

7.2350 SPARREVOHN AFS AK

74.76-81

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

1900-2000

	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2
23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8
24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7
25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4
26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1
26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8
28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2
30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8
34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0
38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9
41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6
48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
59.9	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
64.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
71.8	73.2	73.2	73.4	73.4	73.4	73.4	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
77.2	78.8	78.8	79.0	79.0	79.0	79.0	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
79.7	81.4	81.4	81.6	81.6	81.6	81.6	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
82.8	86.0	86.2	86.5	86.5	86.5	86.5	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
85.5	89.0	89.3	89.5	89.5	89.5	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
86.2	89.7	90.7	90.9	91.1	91.1	91.1	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
86.9	90.9	92.1	92.3	92.5	92.5	92.5	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
87.2	91.6	92.8	93.2	93.5	93.5	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
87.2	91.6	93.2	93.7	93.9	93.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
87.2	91.6	93.5	93.9	94.2	94.2	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
87.4	92.3	94.4	94.9	95.3	95.3	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
87.6	92.8	94.9	95.6	96.0	96.0	97.2	97.2	97.2	97.4	98.1	98.1	98.1	98.1	98.1	98.1
87.6	92.8	94.9	95.6	96.0	96.0	97.4	97.4	97.4	97.7	98.4	98.4	98.4	98.4	98.4	98.4
87.6	92.8	94.9	95.6	96.0	96.0	97.7	97.7	97.7	97.9	99.3	99.3	99.3	99.3	99.3	99.3
87.6	92.8	94.9	95.6	96.0	96.0	97.7	97.7	97.7	97.9	99.5	99.5	99.5	99.5	99.5	99.5
87.6	92.8	94.9	95.6	96.0	96.0	97.7	97.7	97.7	97.9	99.5	99.5	99.5	99.5	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 429



1  
2

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

772350 SPARREVOHN AFS AK

73-81

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

ALL

23.1	24.3	24.4	24.4	24.4	24.4	24.4	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5
25.6	26.8	26.9	26.9	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0
28.5	28.1	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3
27.2	28.7	28.8	28.8	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9
27.6	29.2	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3
28.8	30.4	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6
30.8	32.4	32.5	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6
32.7	34.4	34.5	34.5	34.5	34.5	34.5	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6
36.6	36.3	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.6	38.6	38.6
40.5	42.4	42.6	42.6	42.6	42.6	42.6	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
42.4	44.5	44.6	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
45.4	47.7	48.7	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
46.5	49.0	49.2	49.3	49.3	49.3	49.3	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
50.7	53.9	54.1	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
56.9	60.4	60.7	60.9	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
61.1	65.5	65.9	66.0	66.1	66.1	66.1	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2
65.9	70.6	71.1	71.3	71.4	71.4	71.5	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6
69.2	74.5	75.0	75.4	75.6	75.6	75.7	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8
70.3	75.8	76.4	76.8	77.0	77.0	77.1	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2
72.8	78.9	80.0	80.4	80.6	80.7	80.8	80.8	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9
74.6	81.0	82.3	82.8	83.2	83.3	83.4	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5
75.7	82.7	84.3	84.8	85.0	85.5	85.6	85.6	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8
76.4	83.8	85.4	86.0	86.7	86.9	87.0	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3
77.0	84.7	86.5	87.2	88.1	88.3	88.6	88.8	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0
77.3	85.1	87.1	87.8	88.8	89.1	89.5	89.8	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0
77.6	85.7	87.8	88.6	89.7	90.1	90.5	90.9	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1
77.7	86.3	88.7	89.6	90.9	91.3	91.9	92.4	92.4	92.7	92.7	92.7	92.7	92.7	92.7	92.7
77.8	86.7	89.3	90.4	91.9	92.5	93.4	94.1	94.3	94.6	94.9	94.9	94.9	94.9	94.9	94.9
77.8	86.7	89.5	90.6	92.3	93.0	94.1	95.0	95.2	95.6	96.3	96.3	96.3	96.3	96.3	96.3
77.8	86.7	89.5	90.6	92.4	93.1	94.3	95.4	95.5	96.2	97.2	97.3	98.0	98.0	98.3	98.3
77.8	86.7	89.5	90.7	92.4	93.1	94.4	95.4	95.6	96.4	97.5	97.5	98.3	98.3	98.8	98.8
77.8	86.7	89.5	90.7	92.4	93.1	94.4	95.4	95.6	96.4	97.5	97.5	98.5	98.5	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 5515

USAF ETAC

GLOBAL CLIMATOLOGY BRANCH  
JAFSTAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

702350 SPARREVOHN AFS AK

73-81

AGE

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

1000-1200

33.9	37.5	37.5	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8
34.3	38.9	38.9	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3
35.5	39.8	39.8	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2
35.5	39.8	39.8	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2
35.9	40.4	40.4	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8
37.1	41.7	41.7	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1
38.2	43.0	43.0	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4
38.8	44.0	44.0	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
43.2	48.5	48.5	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
47.4	53.7	53.7	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
49.9	56.6	56.6	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
54.1	61.8	61.8	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
55.5	63.5	63.5	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
59.5	68.1	68.1	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
64.1	75.2	75.2	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
65.7	78.1	78.2	78.9	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
67.5	80.5	80.7	81.5	82.2	82.3	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
69.1	81.9	82.3	83.3	84.1	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
68.3	81.9	82.6	83.5	84.3	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
69.5	83.1	83.9	85.1	85.9	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
69.7	84.1	84.9	86.1	87.0	87.1	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
70.5	86.5	87.5	88.7	89.8	89.9	90.0	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
70.7	87.0	88.0	89.2	90.3	90.4	90.6	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
71.2	87.6	88.7	90.0	91.2	91.4	91.8	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
71.2	87.8	88.8	90.4	91.6	91.8	92.4	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
71.2	87.8	89.4	91.0	92.3	92.4	93.1	93.8	93.8	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9
71.2	87.9	89.5	91.1	92.8	93.0	93.9	94.6	94.6	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2
71.3	88.2	89.8	91.4	93.4	93.6	94.6	95.4	95.5	96.0	96.4	96.4	96.5	96.5	96.5	96.5	96.5
71.3	88.2	89.8	91.4	93.4	93.6	94.7	95.5	95.6	96.1	96.8	96.8	97.3	97.3	97.3	97.3	97.3
71.3	88.2	89.8	91.4	93.6	93.9	95.0	95.9	96.0	96.9	97.9	97.9	99.1	99.1	99.1	99.1	99.1
71.3	88.2	89.8	91.4	93.6	93.9	95.0	95.9	96.0	96.9	97.9	97.9	99.1	99.2	99.5	99.5	99.5
71.3	88.2	89.8	91.4	93.6	93.9	95.0	95.9	96.0	96.9	97.9	97.9	99.1	99.2	99.5	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 753

DATA FROM 1000-1200 HOURS

CLICAL CLIMATOLOGY BRANCH  
GRAPHIC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

7 2310 0PARREVOHN AFS AK

73-81

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

1300-1500

31.5	34.4	34.4	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8
32.3	35.2	35.2	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.7
32.7	36.3	36.3	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.6
32.8	36.4	36.4	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.9
33.1	37.3	37.3	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.5
34.2	38.1	38.1	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.6
35.8	39.9	39.9	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.8
35.9	40.0	40.0	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.5
39.6	44.4	44.4	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.9
45.1	50.5	50.5	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	51.0
47.3	53.1	53.5	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	54.0
51.1	57.7	58.7	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.5
53.2	59.8	60.2	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.7
58.5	65.7	66.2	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.7
63.2	72.0	72.5	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	73.0
64.6	74.7	75.4	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.9
65.3	76.9	77.8	78.1	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.5
66.1	79.1	80.1	81.1	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.6
66.3	79.4	80.6	81.6	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.1
66.9	80.6	82.2	83.3	83.7	83.7	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.1
67.8	81.7	83.3	84.6	84.9	84.9	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.3	85.3	85.4
68.5	84.0	85.1	87.0	87.5	87.5	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.1	88.1	88.3
68.6	84.3	86.2	87.4	87.9	87.9	88.1	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.5	88.5	88.6
69.0	84.8	86.7	88.0	88.5	88.5	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.1	89.1	89.3
69.7	85.1	87.1	88.4	88.9	88.9	89.1	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.5	89.5	89.6
69.1	85.6	87.5	88.9	89.6	89.6	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.2	90.2	90.4
69.1	86.2	88.3	89.9	91.1	91.1	91.5	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.1	92.1	92.3
69.3	86.3	88.5	90.1	91.5	91.9	92.2	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.9
69.3	86.5	88.8	90.4	91.9	92.2	92.7	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.6
69.3	86.5	88.8	90.4	92.0	92.3	92.8	93.6	93.7	94.7	95.8	96.0	97.0	97.0	97.0	97.0	97.8
69.3	86.5	88.8	90.4	92.0	92.3	92.8	93.6	93.7	94.7	96.3	96.3	97.3	97.3	97.3	97.3	98.3
69.3	86.5	88.8	90.4	92.0	92.3	92.8	93.6	93.7	94.7	96.2	96.2	97.4	97.4	97.4	97.4	98.5

TOTAL NUMBER OF OBSERVATIONS 810

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

702350 SPAPREVONH AFS AK

73-81

AUG

## CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

0600-0900

29.4	30.7	32.7	33.9	35.9	35.9	35.9	35.9	35.9	31.7	31.0	31.2	31.2	31.2	31.2	31.2	31.2
30.9	32.2	32.2	32.3	32.3	32.3	32.3	32.3	32.3	32.5	32.5	32.7	32.7	32.7	32.7	32.7	32.7
33.3	34.8	34.8	34.9	34.9	34.9	34.9	34.9	34.9	35.1	35.1	35.3	35.3	35.3	35.3	35.3	35.3
33.5	34.9	34.9	35.1	35.1	35.1	35.1	35.1	35.1	35.2	35.2	35.4	35.4	35.4	35.4	35.4	35.4
33.8	35.3	35.3	35.4	35.4	35.4	35.4	35.4	35.4	35.6	35.6	35.8	35.8	35.8	35.8	35.8	35.8
35.6	37.0	37.0	37.2	37.2	37.2	37.2	37.2	37.2	37.7	37.3	37.5	37.5	37.5	37.5	37.5	37.5
37.0	38.5	38.5	38.6	38.6	38.6	38.6	38.6	38.6	38.8	38.8	39.0	39.0	39.0	39.0	39.0	39.0
38.0	39.5	39.5	39.6	39.6	39.6	39.6	39.6	39.6	39.8	39.8	40.0	40.0	40.0	40.0	40.0	40.0
42.2	44.7	44.7	44.8	44.8	44.8	44.8	44.8	44.8	44.9	44.9	45.2	45.2	45.2	45.2	45.2	45.2
48.0	51.0	51.0	51.1	51.1	51.1	51.1	51.1	51.1	51.2	51.2	51.5	51.5	51.5	51.5	51.5	51.5
50.5	53.8	53.8	54.1	54.1	54.1	54.1	54.1	54.1	54.2	54.2	54.4	54.4	54.4	54.4	54.4	54.4
54.2	58.0	58.0	58.3	58.3	58.3	58.3	58.3	58.3	58.4	58.4	58.6	58.6	58.6	58.6	58.6	58.6
56.3	60.1	60.1	60.4	60.4	60.4	60.4	60.4	60.4	60.5	60.5	60.7	60.7	60.7	60.7	60.7	60.7
61.2	65.9	65.9	66.2	66.2	66.2	66.2	66.2	66.2	66.3	66.3	66.5	66.5	66.5	66.5	66.5	66.5
65.1	70.2	70.4	70.7	70.9	70.9	70.9	70.9	70.9	71.0	71.0	71.2	71.2	71.2	71.2	71.2	71.2
66.9	72.3	72.8	73.2	73.3	73.3	73.3	73.3	73.3	73.5	73.5	73.7	73.7	73.7	73.7	73.8	73.8
68.0	74.1	74.6	74.9	75.1	75.1	75.1	75.1	75.1	75.2	75.2	75.4	75.4	75.4	75.4	75.6	75.6
69.3	76.0	76.9	77.5	77.7	77.7	77.7	77.7	77.7	77.8	77.8	78.0	78.0	78.0	78.0	78.1	78.1
69.5	76.5	77.4	78.4	78.5	78.5	78.5	78.5	78.5	78.6	78.6	78.9	78.9	78.9	78.9	79.0	79.0
71.0	78.4	79.8	80.9	81.1	81.1	81.1	81.1	81.1	81.2	81.2	81.5	81.5	81.5	81.5	81.6	81.6
71.5	79.3	80.6	81.7	82.1	82.1	82.1	82.2	82.2	82.3	82.3	82.6	82.6	82.6	82.6	82.7	82.7
72.1	80.7	82.1	83.6	84.0	84.0	84.0	84.1	84.1	84.2	84.2	84.4	84.4	84.4	84.4	84.6	84.6
72.8	81.6	83.0	84.4	84.9	84.9	84.9	85.1	85.4	85.6	85.6	85.8	85.8	85.8	85.8	85.9	85.9
73.2	82.1	83.5	85.1	85.7	85.7	85.8	86.2	86.3	86.3	86.3	86.5	86.5	86.5	86.5	86.7	86.7
73.6	82.6	84.0	85.8	86.5	86.5	86.7	87.2	87.3	87.3	87.3	87.5	87.5	87.5	87.5	87.7	87.7
73.7	82.8	84.2	86.0	86.8	86.8	86.9	87.4	87.5	87.5	87.5	87.8	87.8	87.8	87.8	87.9	87.9
74.2	84.6	86.0	87.9	89.0	89.0	89.3	90.4	90.5	90.6	90.6	90.9	90.9	90.9	90.9	91.0	91.0
74.3	85.6	87.0	89.0	90.2	90.2	90.6	91.7	92.0	92.1	92.5	92.5	92.5	92.5	92.5	92.7	92.7
74.4	85.8	87.4	89.5	91.1	91.1	91.7	93.2	93.5	94.0	94.6	94.7	95.2	95.2	95.2	95.4	95.9
74.4	85.8	87.4	89.5	91.2	91.2	92.1	93.8	94.2	94.9	95.7	95.8	96.3	96.4	96.4	97.2	98.0
74.4	85.8	87.4	89.5	91.2	91.2	92.1	93.8	94.2	94.9	95.7	95.8	96.4	96.5	96.5	97.9	98.8
74.4	85.8	87.4	89.5	91.2	91.2	92.1	93.8	94.2	94.9	95.7	95.8	96.5	96.7	96.7	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS

810

USAF ETAC

GENERAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

7 2357 SPARREVOHN AFS AR  
73-81

73-81

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

800-1177

30.3	31.4	31.4	31.4	31.4	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5
31.3	32.9	32.9	32.9	32.9	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1
33.1	34.5	34.5	34.5	34.5	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6
33.5	34.9	34.9	34.9	34.9	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0
33.6	35.0	35.0	35.0	35.0	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1
34.9	36.2	36.2	36.2	36.2	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3
35.1	37.6	37.6	37.6	37.6	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
36.3	38.3	38.3	38.3	38.3	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4
41.4	43.3	43.3	43.3	43.3	43.4	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5
47.8	49.8	49.8	49.8	49.8	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
51.3	53.4	53.5	53.5	53.5	53.6	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
55.6	58.2	58.3	58.3	58.5	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
57.8	60.7	60.8	60.8	60.9	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
60.2	63.4	63.8	63.8	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
63.4	67.0	67.4	67.4	67.5	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
65.8	69.8	70.3	70.3	70.5	70.6	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
67.7	71.2	71.7	71.7	71.8	71.9	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
70.1	73.0	75.9	75.9	76.3	76.4	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
77.7	75.8	76.6	77.0	77.4	77.5	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
74.4	80.1	81.2	81.6	82.1	82.2	82.6	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
75.3	82.3	83.7	84.2	84.9	85.0	85.4	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
76.8	83.7	85.2	85.8	87.0	87.1	87.5	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
77.8	85.2	86.7	87.9	89.1	89.4	89.7	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
78.1	86.2	88.7	89.1	90.5	91.0	91.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
78.4	86.5	88.5	89.7	91.1	91.6	92.0	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
78.5	86.9	88.9	90.1	91.5	92.0	92.5	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
78.6	87.5	90.2	91.6	93.0	93.6	94.6	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
78.7	87.6	90.4	92.0	93.4	94.1	95.3	96.9	96.9	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
78.7	87.8	90.5	92.2	93.8	94.4	96.2	97.8	97.8	98.1	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
78.7	87.8	90.6	92.2	93.8	94.4	96.2	97.8	97.9	98.4	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
78.7	87.8	90.6	92.2	93.8	94.4	96.2	97.8	97.9	98.4	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
78.7	87.8	90.6	92.2	93.8	94.4	96.2	97.8	97.9	98.4	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9

TOTAL NUMBER OF OBSERVATIONS 829

CLIMATELOGY BRANCH  
NATIONAL SERVICE/NAO

## CEILING VERSUS VISIBILITY

SPARREYON AFB AK

73-31

400

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

1000-1400

28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6
30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2
30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7
31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4
31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4
33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1
34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2
35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1
38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4
43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6
47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

517

1 GLOBAL CLIMATOLOGY BRANCH  
2 JAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

101350 SPARREVOEN AFS AK

73-81

100

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

15.0-1700

27.2	27.2	27.2	27.2	27.5	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7
29.5	29.5	29.5	29.5	29.8	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9
30.1	30.1	30.1	30.1	30.4	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5
30.4	30.4	30.4	30.4	30.7	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8
30.5	30.5	30.5	30.5	30.8	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9
31.5	31.5	31.5	31.5	31.8	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9
33.7	33.7	33.7	33.7	34.0	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1
34.7	34.7	34.7	34.7	35.0	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1
38.3	38.3	38.3	38.3	38.5	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7
43.3	43.4	43.4	43.4	43.7	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
46.4	47.1	47.1	47.1	47.4	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
51.3	52.0	52.0	52.0	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
53.7	53.7	53.7	53.7	54.0	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
57.3	58.5	58.5	58.5	58.7	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
59.3	66.0	66.0	66.0	66.3	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
71.6	72.8	72.8	72.8	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
76.2	79.7	79.7	79.7	80.2	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
82.7	84.8	85.0	85.2	85.5	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
87.3	87.7	88.0	88.4	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
89.2	90.7	91.4	91.8	92.1	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
95.8	91.8	92.7	93.3	93.6	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
96.1	92.8	93.7	94.4	94.7	94.8	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
96.1	93.3	94.3	95.3	95.7	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
96.1	93.6	94.8	95.8	96.3	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
96.4	93.8	95.1	96.4	96.8	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
96.4	94.0	95.4	96.7	97.3	97.6	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
96.8	94.4	96.1	97.4	98.0	98.3	98.6	99.0	99.0	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
96.3	94.4	96.1	97.6	98.1	98.4	98.7	99.1	99.1	99.1	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6
96.3	94.4	96.1	97.6	98.1	98.4	98.7	99.1	99.1	99.1	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6
96.3	94.4	96.1	97.6	98.1	98.4	98.7	99.1	99.1	99.1	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS

696





1 GLOBAL CLIMATOLOGY BRANCH  
2 USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

70750 SPARREVOHN AFS AK

73-81

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

ALL

30.3	31.6	31.6	31.8	31.8	31.9	31.9	31.9	31.9	31.9	32.0	32.0	32.0	32.0	32.0	32.0	32.0
32.1	33.3	33.3	33.5	33.6	33.6	33.6	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7
33.2	34.7	34.7	34.9	34.9	35.0	35.0	35.0	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1
33.5	35.0	35.0	35.2	35.3	35.3	35.3	35.3	35.3	35.3	35.4	35.4	35.4	35.4	35.4	35.4	35.4
33.7	35.2	35.2	35.4	35.5	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6
35.0	36.6	36.6	36.8	36.9	36.9	36.9	36.9	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0
36.8	38.2	38.3	38.5	38.6	38.6	38.6	38.6	38.6	38.6	38.7	38.7	38.7	38.7	38.7	38.7	38.7
37.3	39.0	39.1	39.3	39.3	39.4	39.4	39.4	39.4	39.4	39.5	39.5	39.5	39.5	39.5	39.5	39.5
41.2	43.3	43.3	43.5	43.6	43.6	43.6	43.6	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
46.6	49.0	49.0	49.2	49.3	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
49.5	52.3	52.5	52.7	52.8	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	53.0
53.7	57.0	57.1	57.4	57.4	57.5	57.5	57.5	57.5	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.6
55.5	58.9	59.1	59.3	59.4	59.5	59.5	59.5	59.5	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6
59.7	63.7	63.9	64.2	64.2	64.3	64.3	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
64.8	69.7	69.9	70.2	70.3	70.4	70.4	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
68.2	73.8	74.2	74.5	74.7	74.7	74.8	74.8	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9
71.0	77.2	77.7	78.2	78.4	78.5	78.6	78.6	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7
73.4	80.4	81.1	81.7	82.0	82.1	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.4
74.2	81.6	82.3	83.0	83.4	83.4	83.6	83.6	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7
76.4	84.2	85.1	86.0	86.4	86.5	86.6	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
77.2	85.5	86.7	87.6	88.1	88.2	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.6
77.9	87.0	88.4	89.5	90.1	90.1	90.3	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
78.3	87.7	89.2	90.4	91.0	91.1	91.4	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.8
78.6	88.1	89.7	91.0	91.7	91.9	92.2	92.6	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7
78.8	88.4	90.1	91.5	92.3	92.4	92.8	93.3	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4
78.8	88.7	90.4	91.9	92.7	92.9	93.3	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	94.0
78.9	89.2	91.1	92.7	93.7	93.9	94.5	95.3	95.3	95.6	95.7	95.7	95.7	95.7	95.7	95.8	95.8
79.1	89.5	91.4	93.1	94.2	94.5	95.2	96.1	96.2	96.5	96.8	96.8	96.9	96.9	96.9	97.0	97.0
79.1	89.6	91.6	93.2	94.5	94.8	95.7	96.6	96.7	97.2	97.7	97.7	98.1	98.1	98.1	98.2	98.3
79.1	89.6	91.6	93.3	94.6	94.8	95.8	96.8	96.9	97.5	98.1	98.2	98.7	98.7	98.7	99.0	99.1
79.1	89.6	91.6	93.3	94.6	94.8	95.8	96.8	96.9	97.5	98.1	98.2	98.8	98.9	98.9	99.3	99.4
79.1	89.6	91.6	93.3	94.6	94.8	95.8	96.8	96.9	97.5	98.2	98.2	98.8	98.9	99.4	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 5893

USAF ETAC 70750 SPARREVOHN AFS AK 73-81 AUG 73

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

7 2300 SPARREVOHN AFS AK

73-81

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

0000-2200

31.5	36.2	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.8	36.8	36.8	36.8	36.8
33.5	38.5	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.8	39.8	39.8	39.8	39.8
33.7	39.2	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.8	39.8	39.8	39.8	39.8
33.8	39.3	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	40.0	40.0	40.0	40.0	40.0
35.1	40.6	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.2	41.2	41.2	41.2	41.2
36.8	42.3	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.9	42.9	42.9	42.9	42.9
38.1	44.1	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.7	44.7	44.7	44.7	44.7
42.3	49.3	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.9	49.9	49.9	49.9	49.9
45.6	54.1	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.7	54.7	54.7	54.7	54.7
46.6	55.6	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.2	56.2	56.2	56.2	56.2
47.7	58.4	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	59.1	59.1	59.1	59.1	59.1
49.1	60.2	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.8	60.8	60.8	60.8	60.8
50.9	62.9	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.5	63.5	63.5	63.5	63.5
55.7	68.9	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.7	69.7	69.7	69.7	69.7
57.9	71.5	72.7	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.4	72.4	72.4	72.4	72.4
59.7	74.5	75.7	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.4	75.4	75.4	75.4	75.4
61.2	76.5	77.7	77.9	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.3	78.3	78.3	78.3	78.3
62.2	78.3	79.4	79.8	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.4	80.4	80.4	80.4	80.4
63.4	80.6	82.3	82.6	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.6	83.6	83.6	83.6	83.6
65.3	84.3	86.1	86.6	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.9	87.9	87.9	87.9	87.9
65.9	85.8	87.9	88.5	89.8	89.8	89.9	89.9	89.9	90.3	90.3	90.3	90.4	90.4	90.4	90.4	90.4
66.3	86.6	88.9	89.5	91.0	91.0	91.0	91.0	91.0	91.5	91.5	91.5	91.6	91.6	91.6	91.6	91.6
66.3	87.8	90.1	91.1	92.6	92.6	93.0	93.0	93.0	93.4	93.5	93.5	93.6	93.6	93.6	93.6	93.6
66.3	88.6	91.7	92.0	93.9	94.0	94.4	94.4	94.4	94.8	94.9	94.9	95.0	95.0	95.0	95.0	95.0
66.3	88.8	91.1	92.1	94.0	94.1	94.6	94.6	94.6	95.0	95.4	95.4	95.5	95.5	95.5	95.5	95.5
66.3	89.3	91.4	92.8	95.0	95.1	95.8	95.8	95.8	96.1	96.8	96.8	96.9	96.9	96.9	96.9	96.9
66.3	89.4	91.8	93.3	95.5	95.6	96.5	96.5	96.5	96.9	97.6	97.6	97.8	97.9	97.9	97.9	97.9
66.3	89.4	91.9	93.5	95.8	95.9	97.0	97.0	97.0	97.4	98.1	98.1	98.3	98.5	98.6	98.6	98.6
66.3	89.4	91.9	93.5	95.8	95.9	97.0	97.0	97.0	97.4	98.1	98.3	98.4	98.8	98.9	99.1	99.1
66.3	89.4	91.9	93.5	95.8	95.9	97.0	97.0	97.0	97.4	98.1	98.3	98.4	99.0	99.1	99.6	99.6
66.3	89.4	91.9	93.5	95.8	95.9	97.0	97.0	97.0	97.4	98.1	98.3	98.4	99.0	99.1	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS

801

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/440

## CEILING VERSUS VISIBILITY

72350 SPARREVOHN AFS AK

73-81

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

0300-0500

29.5	33.7	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.2	34.2	34.3	34.3	34.3	34.3
30.5	35.2	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.7	35.7	35.8	35.8	35.8	35.8
30.9	35.9	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.4	36.4	36.6	36.6	36.6	36.6
31.0	36.1	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.6	36.6	36.7	36.7	36.7	36.7
31.2	36.4	36.4	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.9	36.9	37.1	37.1	37.1	37.1
32.5	37.7	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.2	38.2	38.3	38.3	38.3	38.3
34.9	40.1	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.6	40.6	40.8	40.8	40.8	40.8
35.9	41.4	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.9	41.9	42.0	42.0	42.0	42.0
42.4	49.6	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	50.1	50.1	50.2	50.2	50.2	50.2
45.5	54.4	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.9	54.9	55.0	55.0	55.0	55.0
46.8	56.1	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.6	56.6	56.8	56.8	56.8	56.8
48.6	58.6	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.1	59.1	59.2	59.2	59.2	59.2
49.6	60.6	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.1	61.1	61.2	61.2	61.2	61.2
51.2	62.8	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.3	63.3	63.4	63.4	63.4	63.4
55.9	68.9	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.5	69.5	69.6	69.6	69.6	69.6
57.5	71.6	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.2	72.2	72.4	72.4	72.4	72.4
59.4	74.3	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	75.0	75.0	75.1	75.1	75.1	75.1
60.9	77.2	77.8	77.8	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.4	78.4	78.6	78.6	78.6	78.6
61.5	78.1	78.8	78.8	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.8	79.8	79.9	79.9	79.9	79.9
63.1	81.4	82.3	82.3	83.5	83.6	83.8	83.8	83.8	83.8	83.8	83.9	83.9	84.0	84.0	84.0	84.0
64.8	85.0	86.1	86.1	87.4	87.5	87.6	87.6	87.6	87.6	87.6	87.7	87.7	87.9	87.9	87.9	87.9
66.0	87.0	88.1	88.4	89.7	89.8	90.0	90.0	90.0	90.0	90.0	90.1	90.1	90.2	90.2	90.2	90.2
66.0	87.7	89.2	89.5	91.0	91.1	91.2	91.2	91.2	91.2	91.2	91.4	91.6	91.6	91.7	91.7	91.7
66.2	88.4	89.8	90.2	91.8	92.1	92.3	92.4	92.4	92.4	92.7	92.8	92.8	92.9	92.9	92.9	92.9
66.3	88.8	90.5	90.8	92.4	92.7	93.1	93.2	93.2	93.2	93.6	93.7	93.7	93.8	93.8	93.8	93.8
66.3	89.0	90.6	91.0	92.7	92.9	93.7	93.8	93.8	94.2	94.3	94.3	94.4	94.4	94.4	94.4	94.4
66.4	89.2	91.0	91.8	94.1	94.3	95.3	95.5	95.5	96.0	96.2	96.2	96.3	96.3	96.3	96.3	96.3
66.4	89.5	91.2	92.3	94.7	94.9	96.0	96.3	96.3	96.8	97.0	97.0	97.1	97.1	97.1	97.1	97.1
66.4	89.5	91.2	92.3	94.8	95.0	96.4	96.8	96.8	97.3	97.8	97.8	98.0	98.1	98.4	98.4	98.4
66.4	89.5	91.2	92.3	94.8	95.0	96.4	96.8	96.8	97.4	98.0	98.0	98.3	98.4	99.1	99.3	99.3
66.4	89.5	91.2	92.3	94.8	95.0	96.4	96.8	96.8	97.4	98.0	98.0	98.3	98.4	99.1	99.3	99.3
66.4	89.5	91.2	92.3	94.8	95.0	96.4	96.8	96.8	97.4	98.0	98.0	98.3	98.4	99.5	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 807

544-ETA 73-81-01A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE





GLOBAL CLIMATOLOGY BRANCH  
USAFSTAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

7 2350 SPARREJOHN AFS AK

73-81

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

1700-1400

27.3	25.3	27.3	25.3	27.3	25.3	27.3	25.3	27.3	25.3	27.3	25.3	27.3	25.3	27.3	25.3	27.3	25.3	27.3	25.3
23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7
24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9
26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2
26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3
27.8	27.9	28.7	28.7	28.7	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2
31.3	31.1	31.4	31.4	31.4	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5
32.3	32.9	33.1	33.1	33.1	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
36.2	36.4	36.6	36.6	36.7	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8
42.1	42.3	42.6	42.6	42.7	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
45.7	46.5	46.9	46.9	47.0	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
47.5	48.5	48.9	48.9	49.0	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
48.6	49.6	50.0	50.0	50.1	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
51.9	53.2	53.6	53.7	54.0	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
57.7	59.1	59.7	59.8	60.0	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
61.7	63.5	64.1	64.3	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
66.6	69.7	69.5	69.7	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
70.1	72.8	73.6	73.7	73.9	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
72.5	75.7	76.6	76.7	76.9	77.0	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
76.4	82.5	83.4	83.5	83.9	84.0	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
80.4	85.5	86.4	86.6	87.1	87.2	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
81.5	87.7	88.7	89.0	90.1	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
81.8	89.7	90.1	90.4	91.7	91.9	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
82.4	89.7	91.1	91.6	92.9	93.2	93.4	93.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
82.9	90.4	92.1	92.6	94.0	94.3	94.7	94.8	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
82.9	90.6	92.4	92.9	94.4	94.7	95.0	95.2	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
83.0	90.8	92.7	93.2	94.9	95.2	95.9	96.3	96.3	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
83.0	91.1	92.9	93.8	95.7	96.0	97.0	97.3	97.5	97.8	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
83.0	91.1	92.9	93.8	95.8	96.2	97.1	97.4	97.6	98.0	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
83.0	91.1	92.9	93.8	95.8	96.2	97.1	97.4	97.6	98.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
83.0	91.1	92.9	93.8	95.8	96.2	97.1	97.4	97.6	98.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
83.0	91.1	92.9	93.8	95.8	96.2	97.1	97.4	97.6	98.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS

606

1 GLOBAL CLIMATOLOGY BRANCH  
2 USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

730000 000000H00N APO AK

73-01

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

1500-1700

21.5	21.6	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7
23.9	24.1	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2
24.5	24.8	25.1	25.0	25.1	25.1	25.1	25.0	25.1	25.0	25.1	25.3	25.0	25.1	25.1	25.1
25.1	25.2	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3
25.2	25.5	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6
26.2	26.5	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6
30.7	30.5	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6
31.6	32.1	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2
35.6	36.1	36.2	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3
41.8	43.1	43.2	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
45.1	46.7	46.8	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
48.3	50.4	50.6	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
49.8	51.9	52.1	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
53.3	55.6	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
57.8	60.6	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
61.9	65.5	65.8	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
67.4	71.2	71.4	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
74.1	78.4	78.8	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
76.9	81.1	81.5	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
80.9	86.4	87.1	87.4	87.6	87.6	87.8	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
82.6	88.8	89.9	90.3	90.5	90.5	90.8	91.1	91.1	91.1	91.1	91.3	91.3	91.3	91.3	91.3
84.5	90.9	92.1	92.6	92.9	92.9	93.3	93.8	93.8	93.8	93.8	93.9	93.9	93.9	93.9	93.9
84.9	91.6	92.9	93.5	93.9	94.0	94.4	94.9	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0
85.1	92.0	93.3	93.9	94.4	94.6	95.0	95.5	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6
85.1	92.5	93.8	94.4	95.1	95.4	95.8	96.4	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5
85.1	92.5	93.8	94.5	95.4	95.6	96.0	96.6	96.6	96.9	97.0	97.0	97.0	97.0	97.0	97.0
85.1	92.5	93.8	94.5	95.5	95.8	96.3	97.0	97.1	97.4	97.5	97.5	97.5	97.5	97.6	97.9
85.1	92.5	93.8	94.5	95.5	95.8	96.3	97.0	97.4	97.6	98.4	98.4	98.5	98.5	98.6	98.9
85.1	92.5	93.8	94.5	95.5	95.8	96.4	97.1	97.5	97.8	98.8	98.8	99.0	99.0	99.1	99.4
85.1	92.5	93.8	94.5	95.5	95.8	96.4	97.3	97.8	98.0	99.0	99.0	99.5	99.5	99.6	99.9
85.1	92.5	93.8	94.5	95.5	95.8	96.4	97.3	97.8	98.1	99.1	99.1	99.6	99.6	99.8	100.0
85.1	92.5	93.8	94.5	95.5	95.8	96.4	97.3	97.8	98.1	99.1	99.1	99.6	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 801

UNCLASSIFIED

0  
2  
GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

7 0350 SPARREVOHN AFS AK

73-74,76-81

SEP

PER CENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

1800-2000

30.7	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8
30.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6
31.4	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8
31.9	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2
32.7	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6
33.0	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2
34.1	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8
36.3	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0
39.6	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3
44.4	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
46.2	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
48.0	52.7	52.9	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
48.3	53.8	54.0	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
52.1	57.2	57.3	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
57.6	62.8	63.1	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
61.6	67.5	68.7	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
64.5	70.7	71.2	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
71.2	78.2	78.7	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
72.6	79.6	80.0	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
77.1	84.8	85.7	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
78.2	86.1	87.0	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
79.3	88.7	90.1	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
79.3	89.2	90.9	91.2	91.2	91.2	91.3	91.3	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
79.7	89.8	91.5	91.8	91.8	91.9	92.1	92.4	92.7	92.8	92.8	92.8	93.0	93.0	93.0	93.0	93.0
79.9	90.4	92.1	92.4	92.4	92.5	92.8	93.1	93.4	93.8	93.8	93.8	93.9	93.9	93.9	93.9	93.9
80.2	90.7	92.4	92.7	92.7	92.8	93.1	93.6	93.9	94.4	94.4	94.4	94.4	94.8	94.8	94.8	94.8
80.3	91.3	93.1	93.4	93.4	93.6	94.5	95.1	95.4	96.3	96.3	96.3	96.8	96.8	97.0	97.0	97.0
80.6	91.8	93.6	94.1	94.4	94.5	95.4	96.3	96.6	97.7	97.7	97.7	98.2	98.2	98.3	98.3	98.3
80.6	91.8	93.6	94.1	94.4	94.5	95.4	96.3	96.6	97.7	98.2	98.3	98.9	98.9	99.1	99.1	99.1
80.6	91.8	93.6	94.1	94.4	94.5	95.4	96.3	96.6	97.7	98.2	98.3	99.8	99.8	100.0	100.0	100.0
80.6	91.8	93.6	94.1	94.4	94.5	95.4	96.3	96.6	97.7	98.2	98.3	99.8	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 656



1  
2

CENTRAL CLIMATOLOGY BRANCH  
CFAFSTAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

730000 CFAFREVCHY AFS AK  
730000

73-81

SEP  
ALL

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

26.3	28.3	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.5	28.5	28.5	28.5	28.5	28.5
28.7	30.8	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	31.0	31.0	31.0	31.0	31.0	31.0
29.6	31.9	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1
29.9	32.3	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.5	32.5	32.5	32.5	32.5	32.5
30.3	32.7	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9
31.4	33.9	34.7	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1
34.7	36.6	36.7	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8
35.6	36.2	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4
40.2	43.3	43.5	43.5	43.5	43.5	43.5	43.5	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6
44.3	48.8	48.9	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.1	49.1	49.1	49.1	49.1	49.1
47.7	51.5	51.6	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.8	51.8	51.8	51.8	51.8	51.8
49.1	54.3	54.5	54.5	54.5	54.5	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
50.2	55.7	55.9	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
53.1	59.0	59.3	59.3	59.4	59.4	59.4	59.4	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
55.2	64.8	65.1	65.2	65.3	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
60.9	68.0	68.5	68.6	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
63.9	71.7	72.1	72.3	72.4	72.4	72.4	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
67.0	75.6	76.4	76.5	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.9	76.9	76.9	76.9	76.9	76.9
68.2	77.1	77.9	78.1	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.6
71.3	81.1	82.2	82.4	82.9	83.0	83.1	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.4	83.4	83.4
72.8	83.5	84.8	85.1	85.7	85.7	85.9	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.3	86.3	86.3
73.8	85.5	87.1	87.5	88.2	88.3	88.5	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.9	88.9	88.9
74.2	86.5	88.3	88.8	89.6	89.8	90.1	90.2	90.3	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5
74.6	87.3	89.2	89.8	90.7	90.9	91.3	91.5	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8
74.8	88.0	89.9	90.6	91.7	91.9	92.4	92.6	92.8	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1
74.9	88.3	90.3	91.1	92.2	92.4	93.0	93.3	93.5	93.8	93.9	93.9	94.0	94.0	94.0	94.0	94.0
75.1	88.8	91.7	91.8	93.2	93.5	94.3	94.8	95.1	95.5	95.7	95.7	95.8	95.8	95.9	95.9	95.9
75.2	89.1	91.3	92.4	93.9	94.2	95.2	95.8	96.2	96.8	97.4	97.4	97.5	97.6	97.7	97.7	97.7
75.2	89.1	91.3	92.4	94.0	94.3	95.5	96.2	96.6	97.2	98.1	98.1	98.4	98.4	98.6	98.7	98.7
75.2	89.1	91.3	92.4	94.0	94.3	95.5	96.3	96.7	97.4	98.3	98.3	98.9	98.9	99.1	99.3	99.4
75.2	89.1	91.3	92.4	94.0	94.3	95.5	96.3	96.7	97.4	98.3	98.3	98.9	98.9	99.1	99.3	99.4
75.2	89.1	91.3	92.4	94.0	94.3	95.5	96.3	96.7	97.4	98.3	98.3	98.9	98.9	99.1	99.3	99.4
75.2	89.1	91.3	92.4	94.0	94.3	95.5	96.3	96.7	97.4	98.3	98.3	98.9	98.9	99.1	99.3	99.4

TOTAL NUMBER OF OBSERVATIONS

5147

CFAFSTAC





GLOBAL CLIMATOLOGY BRANCH  
USAF/CLTAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

7 2350 SPARREVOHN AFS AK

73-51

001

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

6500-7500

21.7	23.5	23.7	23.7	24.5	24.5	24.6	24.7	24.7	25.2	25.3	25.4	25.7	25.7	25.7	25.7
23.2	25.1	25.3	25.3	26.0	26.0	26.2	26.3	26.3	26.8	26.9	27.0	27.3	27.3	27.3	27.3
23.6	25.4	25.7	25.7	26.4	26.4	26.5	26.6	26.6	27.1	27.4	27.5	27.7	27.7	27.7	27.7
24.3	26.2	26.4	26.4	27.1	27.1	27.3	27.4	27.4	27.9	28.1	28.2	28.5	28.5	28.5	28.5
24.7	26.5	26.8	26.8	27.5	27.5	27.6	27.7	27.7	28.2	28.5	28.6	28.8	28.8	28.8	28.8
25.2	27.0	27.3	27.3	28.0	28.0	28.1	28.2	28.2	28.7	29.0	29.1	29.3	29.3	29.3	29.3
26.4	28.7	29.0	29.0	29.7	29.7	29.8	29.9	29.9	30.4	30.7	30.8	31.0	31.0	31.0	31.0
27.3	29.7	29.9	30.0	30.8	30.8	30.9	31.0	31.0	31.5	31.9	31.9	32.1	32.1	32.1	32.1
29.3	32.8	33.2	33.3	34.2	34.2	34.3	34.4	34.4	34.9	35.2	35.3	35.5	35.5	35.5	35.5
33.2	37.5	38.2	38.3	39.2	39.2	39.3	39.4	39.4	39.9	40.1	40.3	40.5	40.5	40.5	40.5
35.3	39.9	40.6	40.9	41.8	41.8	42.0	42.1	42.1	42.6	42.8	42.9	43.2	43.2	43.2	43.2
38.6	43.7	44.4	44.6	45.6	45.6	45.7	45.9	45.9	46.4	46.6	46.7	47.0	47.0	47.0	47.0
39.8	44.9	45.7	46.0	47.1	47.1	47.2	47.3	47.3	47.8	48.1	48.2	48.4	48.4	48.4	48.4
42.7	47.7	48.7	48.9	50.0	50.0	50.1	50.4	50.4	50.9	51.1	51.2	51.5	51.5	51.5	51.5
45.7	52.1	53.5	53.8	55.2	55.2	55.5	55.7	55.7	56.2	56.6	56.7	56.9	56.9	56.9	56.9
49.1	56.3	58.4	58.6	60.2	60.2	60.5	60.7	60.7	61.4	61.8	61.9	62.2	62.2	62.2	62.2
52.1	59.7	61.9	62.4	64.1	64.1	64.5	64.7	64.7	65.5	65.8	65.9	66.2	66.2	66.2	66.2
53.5	62.0	64.4	65.0	66.9	67.2	67.6	68.2	68.4	69.1	69.5	69.6	69.8	69.8	69.8	69.8
53.7	62.7	65.1	65.9	68.0	68.2	68.7	69.5	69.6	70.3	70.7	70.8	71.0	71.0	71.0	71.0
55.8	65.0	68.2	69.3	73.0	73.4	74.1	75.3	75.4	76.3	76.6	76.8	77.0	77.0	77.0	77.0
56.6	66.1	70.0	71.3	75.3	75.9	76.9	78.2	78.3	79.2	79.6	79.7	79.9	79.9	79.9	79.9
57.1	66.7	70.9	72.4	76.6	77.3	78.5	80.4	80.5	81.5	81.9	82.0	82.2	82.2	82.2	82.2
57.3	67.4	71.7	73.2	77.6	78.5	79.8	81.9	82.0	83.1	83.5	83.6	83.8	83.8	83.8	83.8
57.5	67.8	72.0	73.8	78.3	79.2	80.5	82.8	83.1	84.3	84.8	84.9	85.2	85.2	85.2	85.2
57.5	68.0	72.3	74.1	79.1	79.9	81.6	84.3	84.5	85.8	86.5	86.6	87.0	87.0	87.0	87.0
57.5	68.1	72.4	74.3	79.6	80.4	82.4	85.3	85.8	87.5	88.4	88.6	88.9	88.9	88.9	88.9
57.7	68.4	73.2	75.4	81.3	82.2	84.2	87.7	88.2	90.3	91.5	91.6	92.5	92.5	92.5	92.5
57.7	68.5	73.5	75.9	81.8	82.7	84.8	88.3	89.2	91.6	94.5	94.8	96.1	96.1	96.2	96.2
57.7	68.5	73.5	75.9	81.9	83.0	85.0	88.7	89.5	92.5	96.1	96.5	98.2	98.2	98.5	98.5
57.7	68.5	73.5	75.9	82.0	83.1	85.2	88.8	89.7	92.7	96.7	97.1	99.0	99.0	99.6	99.9
57.7	68.5	73.5	75.9	82.0	83.1	85.2	88.8	89.7	92.7	96.8	97.2	99.1	99.1	99.8	100.0
57.7	68.5	73.5	75.9	82.0	83.1	85.2	88.8	89.7	92.7	96.8	97.2	99.1	99.1	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 822

1  
2  
GLOBAL CLIMATE/CLIMATE BRANCH  
USAF/ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

702307 PARREVOHN AFS AK

73-51

207

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

1900-1100

20.7	20.1	22.3	22.3	22.4	22.5	22.7	23.2	23.2	23.4	23.4	23.4	23.4	23.4	23.4	23.5	23.5
23.5	24.8	24.9	24.9	25.1	25.2	25.4	25.9	25.9	26.1	26.0	26.1	26.0	26.1	26.0	26.2	26.2
24.3	26.2	26.3	26.3	26.4	26.5	26.8	27.3	27.3	27.4	27.5	27.5	27.5	27.5	27.5	27.7	27.7
25.3	26.6	26.9	26.8	26.9	27.0	27.3	27.7	27.7	27.9	28.0	28.0	28.0	28.0	28.0	28.2	28.2
25.3	26.6	26.8	26.8	26.9	27.0	27.3	27.7	27.7	27.9	28.0	28.0	28.0	28.0	28.0	28.2	28.2
27.4	28.7	28.8	28.8	29.0	29.1	29.3	30.2	30.2	30.3	30.4	30.4	30.4	30.4	30.4	30.7	30.7
29.3	31.3	31.4	31.4	31.6	31.8	32.0	32.8	32.8	33.0	33.1	33.1	33.1	33.1	33.1	33.3	33.3
31.0	32.5	32.6	32.6	32.8	33.0	33.2	34.1	34.1	34.2	34.3	34.3	34.3	34.3	34.3	34.5	34.5
33.5	35.2	35.3	35.3	35.5	35.6	35.9	36.7	36.7	36.9	37.0	37.0	37.0	37.0	37.0	37.2	37.2
37.8	39.8	40.7	40.0	40.3	40.5	40.8	41.6	41.6	41.7	41.8	41.8	41.8	41.8	41.8	42.1	42.1
40.1	42.3	42.7	42.9	43.4	43.7	43.9	44.8	44.8	44.9	45.0	45.0	45.0	45.0	45.0	45.3	45.3
42.9	45.4	45.9	46.1	46.6	46.8	47.2	48.1	48.1	48.2	48.3	48.3	48.3	48.3	48.3	48.5	48.5
44.2	46.7	47.2	47.4	47.9	48.2	48.5	49.4	49.4	49.5	49.6	49.6	49.6	49.6	49.6	49.9	49.9
47.3	50.4	50.9	51.1	51.6	51.8	52.2	53.0	53.0	53.2	53.3	53.3	53.3	53.3	53.3	53.5	53.5
50.2	53.5	54.0	54.4	55.0	55.2	55.6	56.8	56.8	57.5	57.7	57.7	57.7	57.7	57.7	57.9	57.9
51.7	55.7	56.2	56.7	57.4	57.7	58.0	59.2	59.2	60.1	60.2	60.2	60.2	60.2	60.2	60.5	60.5
53.9	58.9	59.4	59.9	60.6	60.8	61.3	62.7	62.7	63.5	63.6	63.6	63.6	63.6	63.6	63.9	63.9
56.0	61.4	62.2	63.0	63.9	64.2	65.1	66.8	66.8	67.6	67.8	67.8	67.8	67.8	67.8	68.0	68.0
56.2	62.0	62.9	64.0	64.8	65.3	66.3	68.1	68.1	69.0	69.1	69.1	69.1	69.1	69.1	69.3	69.3
58.3	65.2	66.8	68.1	70.1	70.7	71.9	73.8	73.8	74.7	74.8	74.8	74.8	74.8	74.8	75.1	75.1
59.2	66.9	69.7	70.3	72.6	73.2	74.7	76.9	76.9	77.7	77.9	77.9	77.9	77.9	77.9	78.1	78.1
59.4	67.3	69.7	71.3	73.7	74.3	75.9	78.7	78.7	79.6	79.7	79.7	79.7	79.7	79.7	79.9	79.9
60.2	68.9	71.5	73.2	75.8	76.4	78.0	81.0	81.0	82.4	82.6	82.6	82.6	82.6	82.6	82.8	82.8
60.7	69.8	72.5	74.2	76.9	77.6	79.4	82.6	82.7	84.2	84.8	84.8	84.8	84.8	84.8	85.0	85.0
60.8	70.3	73.4	75.3	78.1	79.0	80.8	84.1	84.2	86.0	86.7	86.7	86.7	86.7	86.7	87.2	87.2
60.9	70.6	73.8	75.8	78.6	79.7	81.5	84.9	85.3	87.2	88.1	88.1	88.1	88.1	88.1	88.6	88.6
60.9	70.9	74.3	76.3	79.2	80.4	82.6	86.1	86.7	89.5	90.8	90.8	90.8	90.8	90.8	91.4	91.4
60.9	71.4	75.1	77.3	80.2	81.5	83.8	87.7	88.4	91.4	94.3	94.4	94.4	94.4	94.4	95.4	95.4
60.9	71.5	75.2	77.4	80.3	81.6	84.1	88.1	88.9	92.5	95.9	96.0	96.0	96.0	96.0	97.3	97.3
60.9	71.5	75.2	77.4	80.3	81.9	84.4	88.7	89.5	93.2	96.7	96.8	96.8	96.8	96.8	98.5	98.5
60.9	71.5	75.2	77.4	80.3	81.9	84.4	88.7	89.5	93.2	96.7	96.8	96.8	96.8	96.8	98.5	98.5
60.9	71.5	75.2	77.4	80.3	81.9	84.4	88.7	89.5	93.2	96.7	96.8	96.8	96.8	96.8	98.5	98.5

TOTAL NUMBER OF OBSERVATIONS 822

GLOBAL CLIMATOLOGY BRANCH  
USAF/STAC  
AF WEATHER SERVICE/MAC

701307 SPARREVOHN AFS AK

73-61

201

## CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

1200-1400

19.3	20.4	21.4	21.1	21.4	21.5	21.5	21.5	21.6	21.5	21.6	21.6	21.5	21.6	21.9	21.9
21.3	22.4	22.7	23.1	23.3	23.6	23.6	23.6	23.7	23.7	23.7	23.7	23.7	23.7	23.9	23.9
23.7	24.8	25.2	25.5	25.8	26.0	26.0	26.0	26.1	26.1	26.1	26.1	26.1	26.1	26.4	26.4
24.3	25.4	25.8	26.1	26.4	26.5	26.6	26.6	26.7	26.7	26.7	26.7	26.7	26.7	27.0	27.0
24.4	25.5	25.9	26.2	26.5	26.7	26.7	26.7	26.7	26.7	26.9	26.9	26.9	26.9	27.1	27.1
26.5	27.6	27.9	28.3	28.6	28.8	29.0	29.0	29.2	29.2	29.2	29.2	29.2	29.2	29.4	29.4
28.4	29.8	30.3	30.6	30.9	31.1	31.3	31.3	31.5	31.5	31.5	31.5	31.5	31.5	31.7	31.7
29.3	30.6	31.1	31.5	31.7	32.0	32.2	32.2	32.3	32.3	32.3	32.3	32.3	32.3	32.6	32.6
33.1	34.5	35.0	35.5	35.7	36.0	36.2	36.2	36.3	36.3	36.3	36.3	36.3	36.3	36.6	36.6
39.1	40.6	41.4	41.9	42.2	42.4	42.6	42.6	42.8	42.8	42.8	42.8	42.8	42.8	43.0	43.0
41.4	43.4	44.1	44.6	45.0	45.3	45.6	45.6	45.7	45.7	45.7	45.7	45.7	45.7	45.9	45.9
45.3	47.5	48.2	48.8	49.2	49.6	49.8	49.8	49.9	49.9	49.9	49.9	49.9	49.9	50.2	50.2
46.5	48.8	49.6	50.2	50.5	50.9	51.4	51.4	51.5	51.5	51.5	51.5	51.5	51.5	51.8	51.8
48.4	51.2	51.9	52.5	53.0	53.3	53.8	53.8	53.9	53.9	53.9	53.9	53.9	53.9	54.2	54.2
51.9	55.5	56.3	56.9	57.4	57.7	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.7	58.7
53.7	56.7	57.6	58.2	58.7	59.1	59.7	59.7	59.9	60.4	60.4	60.4	60.4	60.4	60.6	60.6
54.3	58.6	59.4	60.0	60.6	61.0	61.6	61.8	62.1	62.6	62.6	62.6	62.6	62.6	62.9	62.9
57.2	61.4	62.2	63.2	63.8	64.3	64.9	65.1	65.4	65.9	65.9	65.9	65.9	65.9	66.1	66.1
58.4	62.9	64.2	65.1	65.9	66.3	67.0	67.6	67.8	68.4	68.4	68.4	68.4	68.4	68.7	68.7
60.4	66.5	68.8	70.0	71.0	71.7	72.4	73.1	73.4	74.1	74.1	74.1	74.1	74.1	74.4	74.4
62.5	69.1	72.1	73.5	74.6	75.5	76.7	77.4	77.8	78.5	78.5	78.5	78.5	78.5	78.7	78.7
63.2	70.4	73.3	74.8	76.5	77.4	78.7	79.6	80.1	80.9	80.9	80.9	80.9	80.9	81.2	81.2
64.2	72.1	75.3	77.2	78.9	79.8	81.2	82.5	83.4	84.1	84.2	84.2	84.2	84.2	84.4	84.4
64.6	73.0	76.3	78.1	80.2	81.3	82.9	84.4	84.9	86.0	86.1	86.1	86.1	86.1	86.4	86.4
65.4	74.1	77.4	79.2	81.7	82.9	84.6	86.1	86.6	87.8	88.1	88.1	88.1	88.1	88.3	88.3
65.6	74.6	78.3	80.2	82.6	83.8	85.7	87.7	88.2	89.6	90.0	90.0	90.0	90.0	90.3	90.3
65.6	75.3	78.6	80.7	83.2	84.7	86.9	89.7	90.3	92.2	93.1	93.1	93.1	93.1	93.6	93.6
65.9	75.7	79.3	81.5	84.4	85.9	88.1	91.5	92.1	94.4	96.6	96.6	96.6	96.6	97.1	97.1
65.9	75.7	79.3	81.5	84.4	85.9	88.1	91.6	92.2	95.1	97.9	97.9	97.9	97.9	98.1	98.1
65.9	75.7	79.3	81.5	84.4	85.9	88.1	91.7	92.3	95.4	98.4	98.4	98.4	98.4	99.5	99.5
65.9	75.7	79.3	81.5	84.4	85.9	88.1	91.7	92.3	95.5	98.5	98.5	98.5	98.5	99.6	99.6
65.9	75.7	79.3	81.5	84.4	85.9	88.1	91.7	92.3	95.5	98.5	98.5	98.5	98.5	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS

623

DATA FROM 1973-74 TO 1974-75 ARE OBSOLETE

73-81

7 230 SPARREVOHN AFS AK

3087

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

150-1700

22.2	23.7	24.1	24.2	24.2	24.2	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3
23.7	25.2	25.7	25.8	25.8	25.8	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0
25.1	26.6	27.1	27.2	27.2	27.2	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4
26.1	27.6	28.1	28.3	28.3	28.3	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4
27.3	28.5	29.3	29.2	29.2	29.2	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3
29.3	30.6	31.1	31.2	31.2	31.2	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4
30.7	32.3	32.9	33.2	33.2	33.2	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
31.2	32.3	33.4	33.7	33.7	33.7	33.8	33.8	33.8	33.8	33.6	33.8	33.8	33.8	33.8	33.8
33.7	35.3	36.0	36.4	36.4	36.4	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5
39.2	41.1	41.8	42.2	42.2	42.2	42.3	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
41.1	43.4	44.2	44.7	44.7	44.7	44.9	45.4	45.4	45.5	45.5	45.5	45.5	45.5	45.5	45.5
44.2	46.8	47.7	48.2	48.2	48.5	48.7	49.4	49.4	49.5	49.5	49.5	49.5	49.5	49.5	49.5
46.0	48.7	49.6	50.1	50.1	50.4	50.8	51.4	51.4	51.5	51.5	51.5	51.5	51.5	51.5	51.5
47.6	50.6	51.8	52.3	52.6	52.8	53.2	54.0	54.0	54.1	54.1	54.1	54.1	54.1	54.1	54.1
52.4	54.7	55.7	56.2	56.4	56.7	57.2	58.1	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2
51.3	55.3	56.7	57.2	57.5	57.7	58.2	59.1	59.1	59.3	59.3	59.3	59.3	59.3	59.3	59.3
53.9	57.8	59.6	60.2	60.7	60.9	61.4	62.6	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7
56.3	60.8	62.7	63.2	64.0	64.4	65.0	66.3	66.3	66.5	66.5	66.5	66.5	66.5	66.5	66.5
57.1	62.0	64.0	64.7	65.6	65.9	66.6	68.0	68.0	68.0	68.1	68.5	68.5	68.5	68.5	68.5
60.2	67.5	70.2	71.1	72.0	72.4	73.0	74.6	74.6	74.7	75.1	75.1	75.1	75.1	75.1	75.1
62.7	70.7	73.5	74.7	75.8	76.5	77.2	79.0	79.0	79.2	79.6	79.6	79.6	79.6	79.6	79.6
63.1	72.0	74.8	76.1	77.8	78.4	79.3	81.2	81.2	81.6	82.0	82.0	82.0	82.0	82.0	82.0
63.6	72.8	75.8	77.1	78.9	79.6	80.5	82.8	82.8	83.4	83.8	83.8	83.8	83.8	83.8	83.8
64.1	73.7	77.2	78.8	80.7	81.7	82.8	85.6	85.6	86.6	87.1	87.1	87.1	87.1	87.1	87.1
64.4	74.2	78.0	79.6	81.6	82.6	83.8	86.9	86.9	88.3	89.1	89.1	89.1	89.1	89.1	89.1
64.4	74.4	78.3	79.9	82.0	83.0	84.3	87.7	87.7	89.6	90.5	90.5	90.5	90.5	90.5	90.5
64.5	74.9	79.3	81.0	83.0	84.2	85.7	89.3	89.6	92.8	94.2	94.2	94.3	94.5	94.5	94.5
64.8	75.3	79.7	81.4	83.4	84.8	86.5	90.6	90.9	94.7	96.5	96.5	96.7	96.9	96.9	96.9
65.0	75.6	79.9	81.6	83.7	85.1	87.0	91.1	91.6	95.8	97.7	97.7	98.5	98.8	99.1	99.1
65.0	75.6	79.9	81.6	83.7	85.1	87.0	91.1	91.6	96.1	98.1	98.1	99.0	99.4	99.61	100.0
65.0	75.6	79.9	81.6	83.7	85.1	87.0	91.1	91.6	96.1	98.1	98.1	99.0	99.4	99.61	100.0
65.0	75.6	79.9	81.6	83.7	85.1	87.0	91.1	91.6	96.1	98.1	98.1	99.0	99.4	99.61	100.0

TOTAL NUMBER OF OBSERVATIONS 778

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

712350 SPARREVOHN AFS AK

73-81

001

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

1800-2000

23.8	25.5	26.3	26.6	26.7	26.7	26.7	27.2	27.2	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3
24.4	26.1	26.9	27.2	27.3	27.3	27.3	27.8	27.8	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9
25.8	27.9	28.3	29.3	29.4	29.4	29.4	29.9	29.9	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
26.1	28.2	29.3	29.6	29.7	29.7	29.7	30.2	30.2	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3
27.6	29.9	31.7	31.3	31.4	31.4	31.4	31.9	31.9	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
28.5	30.8	31.9	32.2	32.3	32.3	32.3	32.8	32.8	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9
29.4	31.7	32.8	33.1	33.2	33.2	33.2	33.7	33.7	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8
30.3	32.6	33.7	34.0	34.1	34.1	34.1	34.6	34.6	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7
32.9	35.7	36.7	37.3	37.5	37.5	37.6	38.1	38.1	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4
37.0	39.9	41.7	41.6	41.9	41.9	42.0	42.5	42.5	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
38.4	42.2	43.2	43.9	44.2	44.2	44.3	44.8	44.8	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1
41.1	45.8	47.0	47.6	48.0	48.0	48.1	48.6	48.6	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
41.4	46.3	47.5	48.1	48.4	48.4	48.6	49.0	49.0	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
44.3	50.2	51.6	52.2	52.8	52.8	53.0	53.9	53.9	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
47.3	54.5	56.1	56.8	57.4	57.4	57.5	58.4	58.4	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
48.7	55.7	57.7	58.3	58.9	58.9	59.0	59.9	59.9	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
50.7	58.0	59.9	60.5	61.6	61.6	61.8	62.7	62.7	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
53.3	63.1	65.3	66.2	67.2	67.2	67.4	68.4	68.4	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
53.6	64.0	66.6	67.7	68.7	68.7	68.9	70.3	70.3	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
55.1	68.0	70.9	71.9	73.9	73.9	74.1	75.4	75.4	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
57.1	73.4	73.9	75.6	77.7	78.0	78.3	79.7	79.7	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
57.2	71.2	75.3	76.6	79.5	80.0	80.6	82.1	82.1	82.9	82.9	82.9	82.9	82.9	83.0	83.0	83.0
57.7	72.1	76.3	78.0	81.0	81.8	82.7	84.5	84.5	85.3	85.3	85.3	85.3	85.3	85.4	85.4	85.4
58.1	72.8	77.5	79.2	82.5	83.3	84.4	86.2	86.2	87.3	87.4	87.4	87.4	87.4	87.6	87.6	87.6
58.3	73.3	78.5	80.1	83.5	84.4	85.6	87.6	87.6	88.9	89.7	89.7	89.7	89.7	89.8	89.8	89.8
58.3	73.6	78.8	80.4	83.8	84.7	85.9	88.0	88.0	90.7	91.7	91.7	91.7	91.7	91.8	91.8	91.8
58.3	73.6	78.8	83.4	83.9	84.8	86.0	88.3	88.3	91.4	92.3	92.3	92.3	92.3	92.6	92.7	92.7
58.7	74.1	79.2	80.9	84.4	85.3	86.5	89.2	89.2	92.4	94.7	94.7	94.7	94.7	95.4	95.8	95.8
58.7	74.1	79.2	80.9	84.4	85.3	86.9	89.7	90.0	93.8	96.4	96.4	96.4	96.4	97.7	97.9	98.3
58.7	74.1	79.2	80.9	84.4	85.3	86.9	89.7	90.0	93.8	97.1	97.1	97.1	97.1	98.8	99.11	100.0
58.7	74.1	79.2	80.9	84.4	85.3	86.9	89.7	90.0	93.8	97.1	97.1	97.1	97.1	98.8	99.11	100.0
58.7	74.1	79.2	80.9	84.4	85.3	86.9	89.7	90.0	93.8	97.1	97.1	97.1	97.1	98.8	99.11	100.0

TOTAL NUMBER OF OBSERVATIONS 659

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

702300 SPAREVOHV AFS AK

73-61

00T

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

2100-2300

24.3	27.9	28.2	29.1	29.5	29.5	29.5	29.6	29.8	30.1	30.1	30.1	30.1	30.1	30.1	30.1
24.5	28.5	28.9	29.6	30.1	30.1	30.1	30.2	30.4	30.7	30.7	30.7	30.7	30.7	30.7	30.7
25.4	29.4	29.6	30.5	31.0	31.0	31.3	31.1	31.3	31.6	31.6	31.6	31.6	31.6	31.6	31.6
25.5	29.5	29.8	30.7	31.1	31.1	31.1	31.3	31.4	31.7	31.7	31.7	31.7	31.7	31.7	31.7
25.7	29.8	30.1	31.0	31.4	31.4	31.4	31.6	31.7	32.0	32.0	32.0	32.0	32.0	32.0	32.0
26.1	30.7	31.0	31.9	32.3	32.3	32.6	32.7	32.9	33.2	33.2	33.2	33.2	33.2	33.2	33.2
27.4	32.2	32.4	33.3	33.8	33.8	34.1	34.2	34.4	34.7	34.7	34.7	34.7	34.7	34.7	34.7
29.0	32.7	33.0	33.9	34.4	34.4	34.7	34.8	35.0	35.3	35.3	35.3	35.3	35.3	35.3	35.3
30.5	36.3	36.6	37.5	37.9	38.1	38.3	38.5	38.6	38.9	38.9	38.9	38.9	38.9	38.9	38.9
34.1	40.1	40.4	41.3	41.9	42.0	42.3	42.5	42.6	42.9	42.9	42.9	42.9	42.9	42.9	42.9
35.8	43.4	43.7	44.5	45.1	45.3	45.6	45.7	45.9	46.2	46.2	46.2	46.2	46.2	46.2	46.2
37.2	46.8	47.2	48.1	48.8	49.0	49.3	49.4	49.6	49.9	49.9	49.9	49.9	49.9	49.9	49.9
38.3	49.3	49.9	50.7	51.5	51.6	51.9	52.1	52.2	52.5	52.5	52.5	52.5	52.5	52.5	52.5
40.3	53.1	54.0	55.0	55.9	56.0	56.3	56.5	56.6	56.9	56.9	56.9	56.9	56.9	56.9	56.9
41.9	55.6	56.5	57.5	58.8	58.7	59.0	59.1	59.3	59.6	59.6	59.6	59.6	59.6	59.6	59.6
43.2	57.4	58.3	59.6	60.6	60.8	61.1	61.2	61.4	61.7	61.7	61.7	61.7	61.7	61.7	61.7
44.7	60.0	61.8	63.1	64.3	64.5	64.9	65.0	65.2	65.5	65.5	65.5	65.5	65.5	65.5	65.5
45.7	62.7	64.6	66.1	67.4	67.7	68.1	68.7	68.9	69.2	69.2	69.2	69.2	69.2	69.2	69.2
46.0	63.3	65.5	67.0	68.3	68.7	69.2	69.8	69.9	70.2	70.2	70.2	70.2	70.2	70.2	70.2
46.8	66.4	69.6	71.2	72.9	73.3	74.0	74.8	74.9	75.2	75.2	75.2	75.2	75.2	75.2	75.2
47.9	69.3	73.0	75.8	77.7	78.2	79.4	80.1	80.2	80.5	80.8	80.8	80.8	80.8	80.8	80.8
47.9	69.8	74.3	77.1	79.4	79.8	81.1	82.3	82.6	83.2	83.8	83.8	83.8	83.8	83.8	83.8
48.8	70.6	75.5	78.3	80.8	81.3	82.7	84.4	84.7	85.3	85.8	85.8	85.8	85.8	85.8	85.8
48.8	70.8	75.8	79.1	81.6	82.3	84.1	86.7	87.0	87.9	88.6	88.6	88.8	88.8	88.8	88.8
48.8	71.1	76.1	79.4	82.0	82.7	85.1	87.8	88.1	89.4	90.3	90.3	90.7	90.7	90.7	90.7
48.8	71.1	76.1	79.4	82.0	82.7	85.4	88.6	88.9	90.6	91.9	91.9	92.3	92.3	92.3	92.5
48.8	71.1	76.4	79.6	82.3	83.0	85.7	88.9	89.2	91.4	92.8	92.8	93.5	93.5	93.5	94.0
49.1	71.4	76.7	79.9	82.6	83.3	86.0	89.2	89.8	92.3	94.8	94.8	95.9	95.9	96.0	96.5
49.1	71.4	76.7	79.9	82.6	83.3	86.4	89.7	90.3	92.8	95.4	95.4	97.2	97.2	97.5	97.9
49.1	71.4	76.7	79.9	82.6	83.3	86.4	89.7	90.3	93.1	96.2	96.2	98.5	98.5	99.0	99.7
49.1	71.4	76.7	79.9	82.6	83.3	86.6	89.7	90.3	93.1	96.2	96.2	98.5	98.5	99.1	99.9
49.1	71.4	76.7	79.9	82.7	83.5	86.6	89.8	90.4	93.2	96.3	96.3	98.7	98.7	99.31	100.0

TOTAL NUMBER OF OBSERVATIONS 678

SAFETY: THIS REPORT IS FOR INFORMATION ONLY AND IS NOT TO BE USED FOR ANY OTHER PURPOSE.



1  
2  
JULYAL CLIMATOLOGY BRANCH  
CRAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

7 2700 SPARREVOHN AFS AK

73-81

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

1007-0270

27.5	36.9	37.7	38.2	39.9	39.3	39.4	41.1	41.2	41.2	41.4	41.6	41.7	41.8	41.8	41.8
28.2	38.0	38.8	39.3	40.1	40.4	40.6	42.2	42.3	42.3	42.6	42.7	42.8	42.9	42.9	42.9
29.2	39.3	39.8	40.3	41.1	41.4	41.6	43.2	43.3	43.3	43.6	43.7	43.8	44.0	44.0	44.0
29.7	39.7	40.4	40.9	41.7	42.1	42.2	43.8	44.0	44.0	44.2	44.3	44.5	44.6	44.6	44.6
30.3	39.9	40.7	41.2	41.9	42.3	42.4	44.1	44.2	44.2	44.5	44.6	44.7	44.8	44.8	44.8
30.2	40.2	40.9	41.4	42.2	42.6	42.7	44.3	44.5	44.5	44.7	44.8	45.0	45.1	45.1	45.1
31.2	41.9	42.8	43.3	44.1	44.5	44.6	46.2	46.3	46.3	46.6	46.7	46.9	47.0	47.0	47.0
32.0	42.9	43.8	44.3	45.1	45.5	45.6	47.2	47.4	47.4	47.6	47.7	47.9	48.0	48.0	48.0
35.1	46.7	47.7	48.5	49.2	49.6	49.7	51.5	51.6	51.6	51.9	52.1	52.1	52.3	52.3	52.3
38.8	51.9	53.1	53.8	54.5	54.9	55.0	56.9	57.1	57.1	57.3	57.4	57.6	57.7	57.7	57.7
39.5	54.0	55.4	56.3	57.1	57.4	57.6	59.4	59.6	59.6	59.8	59.9	60.1	60.2	60.2	60.2
40.3	55.8	57.6	58.4	59.7	60.1	60.2	62.1	62.2	62.2	62.5	62.6	62.7	62.8	62.8	62.8
41.3	57.3	59.1	59.9	61.5	61.8	62.0	63.9	64.1	64.1	64.2	64.4	64.5	64.6	64.6	64.6
42.7	59.2	61.1	62.0	63.6	64.0	64.4	66.2	66.4	66.4	66.6	66.8	66.9	67.0	67.0	67.0
43.2	60.6	62.7	64.0	65.6	66.0	66.6	68.5	68.6	68.6	68.9	69.0	69.1	69.3	69.3	69.3
44.2	62.6	64.9	66.4	68.8	69.1	69.8	71.7	71.8	71.8	72.0	72.2	72.3	72.4	72.4	72.4
45.2	64.9	67.4	68.9	71.4	71.8	72.4	74.8	74.9	74.9	75.2	75.3	75.4	75.6	75.6	75.6
45.5	65.9	68.4	69.9	72.7	73.2	74.2	76.7	76.8	77.1	77.2	77.3	77.5	77.6	77.6	77.6
45.6	66.2	68.8	70.3	73.0	73.6	74.6	77.1	77.2	77.3	77.6	77.7	77.8	78.0	78.0	78.0
45.6	67.8	70.8	72.8	75.7	76.2	77.3	79.8	80.0	80.2	80.5	80.6	80.7	80.9	80.9	80.9
45.6	68.3	71.3	73.3	76.2	77.0	78.2	81.5	82.1	83.0	83.2	83.4	83.5	83.6	83.6	83.6
45.8	69.9	73.0	75.2	78.0	79.7	81.7	85.1	85.9	86.0	86.4	86.5	86.7	86.8	86.8	86.8
45.8	70.2	73.3	75.4	79.2	80.1	82.2	86.3	87.0	89.3	89.8	90.1	90.2	90.3	90.3	90.3
45.8	70.4	73.7	75.8	79.6	80.5	82.9	87.3	88.3	90.7	91.2	91.4	91.7	91.8	91.8	91.8
45.8	70.4	73.7	75.8	79.6	80.5	83.1	87.5	88.8	91.6	92.4	92.7	93.1	93.2	93.2	93.2
45.8	70.4	73.7	75.8	79.6	80.5	83.1	88.0	89.4	92.6	94.0	94.2	94.8	95.0	95.0	95.0
45.8	70.4	73.7	75.8	79.6	80.5	83.1	88.3	89.7	93.1	95.0	95.3	96.2	96.3	96.3	96.3
45.8	70.4	73.7	75.8	79.6	80.5	83.1	88.3	90.1	93.8	96.2	96.7	97.9	98.0	98.0	98.0
45.8	70.4	74.1	76.2	80.0	80.9	83.5	88.8	90.6	94.3	96.7	97.4	99.0	99.1	99.1	99.1
45.8	70.4	74.1	76.2	80.0	80.9	83.5	88.8	90.6	94.3	96.7	97.4	99.4	99.5	99.7	99.9
45.8	70.4	74.1	76.2	80.0	80.9	83.5	88.8	90.6	94.3	96.7	97.4	99.5	99.6	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 794

UNCLASSIFIED

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

7 2300 SPAFREVOHN AFS AK

7J-81

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

300-1500

27.3	38.2	39.2	40.6	42.7	43.7	40.9	42.1	42.1	42.4	43.1	43.1	43.6	43.6	44.2	44.2
28.2	39.9	41.2	42.6	42.7	42.7	42.9	44.1	44.1	44.5	45.1	45.1	45.6	45.8	46.2	46.2
29.3	40.8	42.1	43.5	43.6	43.6	43.8	45.0	45.0	45.3	46.0	46.0	46.5	46.7	46.9	46.9
29.5	41.3	42.6	44.0	44.1	44.1	44.3	45.5	45.5	45.8	46.5	46.5	47.0	47.2	47.4	47.4
29.8	41.7	42.9	44.3	44.5	44.5	44.8	46.0	46.0	46.3	47.0	47.0	47.5	47.7	47.9	47.9
30.1	42.2	43.6	45.0	45.1	45.2	45.7	46.9	46.9	47.2	47.9	47.9	48.4	48.6	48.7	48.7
31.1	44.3	45.7	47.1	47.2	47.4	47.9	49.1	49.0	49.4	50.0	50.0	50.5	50.8	50.9	50.9
31.5	44.7	46.2	47.6	47.7	47.9	48.4	49.5	49.5	49.9	50.5	50.5	51.0	51.3	51.4	51.4
34.6	49.0	50.8	52.1	52.3	52.4	52.9	54.0	54.0	54.4	55.0	55.0	55.5	55.8	55.9	55.9
37.8	54.2	56.2	57.7	57.8	57.9	58.4	59.8	59.8	60.2	60.8	60.8	61.3	61.6	61.7	61.7
38.9	56.3	58.6	60.1	60.2	60.3	60.8	62.2	62.2	62.6	63.2	63.2	63.7	64.0	64.1	64.1
39.7	58.1	60.5	62.0	62.5	62.6	63.1	64.5	64.5	64.9	65.5	65.5	66.0	66.2	66.4	66.4
40.1	58.9	61.5	63.0	63.5	63.6	64.1	65.5	65.5	65.9	66.5	66.5	67.0	67.3	67.4	67.4
40.4	60.1	63.2	64.9	65.6	65.7	66.5	67.9	67.9	68.3	68.9	68.9	69.4	69.6	69.8	69.8
41.3	62.3	65.9	67.5	68.4	68.5	69.6	71.0	71.0	71.5	72.2	72.2	72.7	72.9	73.0	73.0
41.7	63.0	67.0	68.6	69.9	70.0	71.3	72.8	72.8	73.3	73.9	73.9	74.4	74.7	74.8	74.8
42.3	64.2	68.6	70.3	71.7	71.9	73.4	74.9	74.9	75.4	76.1	76.1	76.6	76.7	77.0	77.1
42.3	65.1	69.9	71.8	73.7	74.1	75.8	77.3	77.3	77.8	78.5	78.5	79.0	79.2	79.3	79.5
42.4	65.6	70.5	72.4	74.4	74.8	76.6	78.1	78.1	78.6	79.2	79.2	79.7	80.0	80.1	80.2
43.1	68.3	73.2	75.4	78.0	78.3	80.4	82.1	82.1	82.7	83.4	83.4	83.9	84.1	84.3	84.4
43.1	68.9	73.4	76.1	78.7	79.2	81.4	83.2	83.5	84.6	85.3	85.3	85.8	86.0	86.1	86.3
43.1	69.9	75.3	77.6	81.2	81.9	85.0	87.0	87.3	88.7	89.5	89.5	90.1	90.3	90.4	90.6
43.1	69.9	75.4	77.7	81.7	82.5	85.8	88.1	88.5	89.9	90.8	90.9	91.4	91.7	91.8	91.9
43.1	70.2	76.1	78.3	82.5	83.2	86.5	88.9	89.4	91.2	92.2	92.3	92.8	93.1	93.2	93.3
43.1	70.2	76.1	78.3	82.5	83.2	86.9	89.7	90.3	92.2	93.6	93.7	94.2	94.5	94.6	94.7
43.1	70.2	76.1	78.3	82.5	83.2	86.9	89.7	90.3	92.3	94.1	94.2	94.7	95.0	95.1	95.2
43.1	70.2	76.1	78.3	82.5	83.2	86.9	89.8	90.4	92.8	94.7	94.8	95.3	95.6	95.7	95.8
43.1	70.2	76.1	78.3	82.5	83.2	86.9	89.8	90.4	92.8	95.1	95.2	96.5	96.7	96.9	97.0
43.1	70.2	76.1	78.3	82.5	83.2	86.9	89.8	90.8	93.2	95.6	95.8	97.4	97.6	97.7	97.9
43.1	70.2	76.4	78.7	82.9	83.6	87.3	90.6	91.6	94.0	96.3	96.7	98.4	98.6	99.0	99.4
43.1	70.2	76.4	78.7	82.9	83.6	87.3	90.7	91.7	94.1	96.5	96.9	98.5	98.7	99.1	99.6
43.1	70.2	76.4	78.7	82.9	83.6	87.3	90.7	91.7	94.1	96.5	96.9	98.5	98.7	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 794

GLOBAL CLIMATOLOGY BRANCH  
 JSCAF/TAC  
 AIR WEATHER SERVICE/HAC

# CEILING VERSUS VISIBILITY

7 2300 SPAREVONN AFS AK

73-51

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE  
 FROM HOURLY OBSERVATIONS

500-1000

31.4	32.8	47.2	47.7	41.3	41.3	41.8	42.6	42.7	42.8	43.9	44.1	44.3	44.5	44.7	44.7
32.7	41.1	41.5	42.3	42.6	42.6	43.1	43.3	44.7	44.1	45.1	45.4	45.6	45.7	46.0	46.0
33.7	41.5	42.7	42.5	43.1	43.1	43.6	44.3	44.5	44.6	45.6	45.9	46.1	46.2	46.5	46.5
33.8	42.2	42.7	43.2	43.8	43.8	44.3	45.1	45.2	45.4	46.4	46.6	46.9	47.1	47.2	47.2
34.1	42.8	43.3	43.8	44.5	44.5	45.1	45.7	45.9	46.3	47.3	47.2	47.5	47.6	47.9	47.9
34.9	43.6	44.1	44.6	45.4	45.4	45.9	46.6	46.7	46.9	47.9	48.1	48.4	48.5	48.7	48.7
35.7	45.4	45.9	46.4	47.1	47.1	47.6	48.4	48.5	48.6	49.6	49.9	50.1	50.3	50.5	50.5
35.7	45.5	46.0	46.5	47.2	47.2	47.7	48.5	48.6	48.7	49.7	50.0	50.3	50.4	50.6	50.6
38.3	48.9	47.4	49.9	57.6	53.6	51.1	51.9	52.0	52.1	53.1	53.4	53.6	53.8	54.2	54.3
43.1	53.9	54.6	55.2	56.0	56.0	56.5	57.3	57.4	57.8	58.8	59.0	59.3	59.4	59.7	59.7
44.6	58.3	57.2	57.7	58.5	58.5	59.7	59.8	59.9	60.3	61.3	61.6	61.8	61.9	62.2	62.2
45.1	57.4	58.3	58.8	59.8	59.8	60.3	61.1	61.2	61.6	62.6	62.8	63.1	63.2	63.4	63.4
45.2	58.8	59.9	60.4	61.4	61.4	61.9	62.7	62.8	63.2	64.2	64.4	64.7	64.8	65.1	65.1
46.2	61.3	62.6	63.2	64.2	64.3	64.8	65.6	65.7	66.1	67.1	67.3	67.6	67.7	68.0	68.0
49.1	63.3	65.2	66.0	67.0	67.2	67.8	68.7	69.1	69.5	70.5	70.7	71.0	71.1	71.4	71.4
50.3	65.3	67.6	68.3	69.8	70.1	71.0	71.9	72.4	72.9	73.9	74.1	74.4	74.5	74.7	74.7
50.7	66.5	68.8	69.8	71.6	71.9	72.7	73.6	74.2	74.7	75.8	76.3	76.3	76.4	76.8	76.8
51.5	69.1	71.1	72.1	74.5	75.0	76.1	77.0	77.9	78.5	79.6	79.9	80.2	80.3	80.7	80.7
51.9	68.7	71.9	72.9	75.5	76.0	77.1	78.0	78.8	79.6	80.8	81.7	81.3	81.4	81.8	81.8
52.1	69.8	73.4	74.7	77.8	78.3	79.9	81.2	82.0	83.2	84.3	84.5	84.8	84.9	85.3	85.3
52.1	70.0	73.7	75.4	78.9	79.4	81.5	82.9	83.9	85.2	86.3	86.6	87.1	87.2	87.7	87.7
52.4	70.7	75.0	77.0	81.2	81.8	84.4	85.8	86.8	88.2	89.3	89.6	90.1	90.2	90.7	90.7
52.4	70.7	75.0	77.1	81.7	82.5	85.3	86.8	87.8	89.2	90.3	90.7	91.2	91.3	91.8	91.8
52.4	70.9	75.4	77.6	82.4	83.3	86.2	87.9	88.9	90.3	91.7	92.1	92.7	93.0	93.5	93.5
52.4	70.9	75.4	77.8	82.5	83.4	86.6	88.6	89.6	91.1	92.8	93.2	93.8	94.1	94.6	94.6
52.4	71.1	75.6	78.0	82.8	83.7	86.9	89.1	90.1	91.6	93.7	94.1	94.7	95.0	95.5	95.5
52.4	71.1	75.6	78.0	82.8	83.7	86.9	89.3	90.3	92.5	94.6	95.0	95.6	95.9	96.4	96.4
52.4	71.4	75.9	78.3	83.0	83.9	87.3	89.7	90.7	92.8	95.9	96.4	97.1	97.4	97.9	97.9
52.4	71.4	75.9	78.3	83.0	83.9	87.3	89.7	91.1	93.2	96.4	97.0	98.4	98.7	99.2	99.2
52.4	71.4	75.9	78.3	83.0	83.9	87.3	89.8	91.1	93.3	96.7	97.4	98.9	99.2	99.7	100.0
52.4	71.4	75.9	78.3	83.0	83.9	87.3	89.8	91.1	93.3	96.7	97.4	98.9	99.2	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 795

1  
2  
GENERAL CLIMATOLOGY BRANCH  
CRAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

7-23-77 SPAAREVOHN AFS AK

73-81

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

937-1100

31.7	35.5	36.7	37.2	37.7	37.8	38.3	38.3	38.5	38.6	38.8	38.8	38.8	38.8	38.8	39.0	39.0
33.8	37.7	39.7	39.5	40.0	40.1	40.7	40.7	40.9	41.0	41.2	41.2	41.2	41.2	41.2	41.4	41.4
35.1	38.8	41.1	40.6	41.1	41.2	41.9	41.9	42.0	42.1	42.4	42.4	42.4	42.4	42.4	42.5	42.5
36.2	40.1	41.4	41.9	42.4	42.5	43.1	43.1	43.2	43.4	43.6	43.6	43.6	43.6	43.6	43.7	43.7
38.7	41.7	43.1	43.6	44.1	44.2	44.9	44.9	45.0	45.1	45.4	45.4	45.4	45.5	45.5	45.5	45.5
38.8	42.4	43.6	44.1	44.6	44.7	45.4	45.4	45.5	45.6	45.9	45.9	46.0	46.0	46.0	46.1	46.1
40.7	44.3	46.2	46.7	47.2	47.4	48.1	48.1	48.2	48.4	48.6	48.6	48.7	48.7	48.7	48.9	48.9
41.2	45.4	46.7	47.2	47.7	47.9	48.6	48.6	48.7	48.9	49.1	49.1	49.2	49.2	49.2	49.4	49.4
43.7	48.5	49.5	50.4	50.9	51.0	51.8	51.8	51.9	52.0	52.3	52.3	52.3	52.4	52.4	52.5	52.5
48.8	53.6	55.1	55.5	56.0	56.1	56.9	56.9	57.0	57.1	57.4	57.4	57.5	57.5	57.5	57.6	57.6
50.3	55.4	56.8	57.3	57.8	57.9	58.6	58.6	58.8	58.9	59.1	59.1	59.3	59.3	59.4	59.4	59.4
51.6	57.1	58.5	59.0	59.5	59.6	60.4	60.4	60.5	60.7	60.9	60.9	61.0	61.0	61.2	61.2	61.2
52.1	57.6	59.0	59.5	60.3	60.4	61.2	61.2	61.3	61.4	61.7	61.7	61.8	61.8	61.9	61.9	61.9
55.3	60.9	62.4	63.2	63.9	64.0	64.9	64.9	65.0	65.2	65.4	65.4	65.5	65.5	65.5	65.7	65.7
58.6	64.9	66.4	67.2	67.9	68.0	68.9	69.4	69.5	69.7	69.9	69.9	70.1	70.1	70.1	70.2	70.2
59.4	66.9	68.5	69.3	70.2	70.3	71.2	72.1	72.2	72.4	72.7	72.7	72.8	72.8	72.8	72.9	72.9
60.4	68.7	70.3	71.3	72.3	72.9	73.9	75.2	75.3	75.6	75.8	75.8	75.9	75.9	75.9	76.1	76.1
61.8	69.9	72.1	73.2	74.4	75.3	76.4	77.7	77.8	78.4	78.7	78.7	78.8	78.8	78.8	78.9	78.9
61.8	70.4	72.6	73.7	75.1	75.9	77.2	78.4	78.6	79.2	79.4	79.4	79.6	79.6	79.6	79.7	79.7
62.8	71.9	74.6	75.8	77.7	78.6	80.1	81.3	81.5	82.2	82.5	82.5	82.6	82.6	82.6	82.7	82.7
63.1	72.3	74.0	76.2	75.1	78.9	80.5	82.1	82.3	83.2	83.6	83.6	83.7	83.7	83.8	83.8	83.8
63.2	73.1	75.7	77.6	79.8	80.7	82.2	84.0	84.2	85.3	86.1	86.1	86.2	86.2	86.3	86.3	86.3
63.7	74.2	76.9	78.8	81.1	82.0	83.5	85.3	85.6	86.8	87.7	87.7	88.0	88.0	88.1	88.1	88.1
63.8	75.1	78.1	79.9	82.2	83.1	84.7	86.6	86.8	88.2	89.2	89.2	89.6	89.7	89.8	89.8	89.8
63.8	73.8	79.8	80.7	83.1	84.0	85.7	88.2	88.6	90.0	91.5	91.5	91.9	92.0	92.1	92.1	92.1
63.8	76.1	79.1	81.1	83.6	84.5	86.3	88.8	89.7	90.7	92.7	92.7	93.1	93.2	93.4	93.4	93.4
63.8	76.2	79.3	81.2	83.8	84.7	86.6	89.6	90.7	92.1	94.1	94.1	94.7	95.0	95.1	95.1	95.1
63.8	76.4	79.6	81.5	84.1	85.0	86.8	90.1	90.9	92.9	95.6	95.7	96.4	96.6	96.9	96.9	96.9
63.8	76.6	79.7	81.6	84.2	85.2	87.2	90.5	90.9	93.5	97.5	97.5	98.4	98.7	99.0	99.0	99.0
63.8	76.6	79.7	81.6	84.2	85.2	87.2	90.5	90.9	93.5	97.5	97.5	98.4	98.7	99.0	99.5	99.7
63.8	76.6	79.7	81.6	84.2	85.2	87.2	90.5	90.9	93.5	97.5	97.5	98.4	98.7	99.0	99.5	99.7
63.9	76.6	79.7	81.6	84.2	85.2	87.2	90.5	90.9	93.5	97.5	97.5	98.4	98.7	99.0	99.5	99.7

TOTAL NUMBER OF OBSERVATIONS 799

1  
2  
1. 141 CLIMATE LOGS BRANCH  
2. AFSTAC  
AIR WEATHER SERVICE/AFAC

## CEILING VERSUS VISIBILITY

3. 000 04 PARREVOHN AFS, AK

73-81

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

11.0-14.00

32.1	33.1	37.1	37.3	37.4	37.6	38.1	38.2	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5
33.5	37.6	39.6	38.6	39.1	39.1	39.5	39.7	39.7	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
34.8	39.0	40.7	40.2	40.5	40.5	40.8	41.1	41.1	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.5
35.8	41.0	42.0	42.2	42.5	42.5	42.9	43.1	43.1	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.5
37.3	41.5	43.5	42.7	43.0	43.0	43.4	43.6	43.6	43.9	43.9	43.9	43.9	43.9	43.9	43.9	44.0
39.3	43.5	44.5	44.7	45.0	45.0	45.4	45.6	45.6	45.9	45.9	45.9	45.9	45.9	45.9	45.9	46.0
43.0	47.2	48.2	46.5	46.7	46.7	49.1	49.5	49.5	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.9
43.7	48.1	48.4	49.6	49.9	49.9	50.3	50.6	50.6	50.9	50.9	50.9	50.9	50.9	50.9	50.9	51.0
46.2	50.8	52.3	52.5	52.8	52.8	53.1	53.8	53.8	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.1
50.8	55.4	56.7	57.1	57.4	57.4	57.8	58.4	58.4	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
52.5	57.4	59.1	59.4	59.6	59.6	60.0	60.7	60.7	60.9	60.9	60.9	60.9	60.9	60.9	60.9	61.0
54.5	59.3	61.0	61.4	61.7	61.7	62.0	62.7	62.7	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.2
55.1	59.9	61.7	62.0	62.3	62.3	62.7	63.3	63.3	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.8
56.5	61.5	63.5	63.9	64.2	64.2	64.5	65.2	65.2	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.7
58.9	64.5	67.1	67.4	67.9	67.9	68.3	69.0	69.0	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.9
60.2	66.0	68.7	69.2	69.8	69.9	70.3	71.2	71.2	71.6	72.1	72.1	72.2	72.2	72.2	72.2	72.3
61.5	67.8	70.5	71.1	71.7	71.9	72.6	73.6	73.6	73.9	74.4	74.4	74.6	74.6	74.6	74.6	74.7
62.5	69.4	72.4	73.1	74.1	74.4	75.2	76.4	76.7	77.2	77.7	77.7	77.8	77.8	77.8	77.8	77.9
62.8	69.9	72.9	73.6	74.6	74.9	75.8	77.1	77.3	77.8	78.3	78.3	78.4	78.4	78.4	78.4	78.6
63.7	71.3	74.7	75.3	76.7	77.3	78.6	80.1	80.3	80.6	81.3	81.3	81.5	81.5	81.5	81.5	81.6
64.5	72.7	76.2	76.8	78.3	78.9	80.3	82.2	82.5	83.7	83.5	83.5	83.8	84.0	84.0	84.0	84.1
65.4	74.1	77.7	78.4	80.3	81.2	82.6	84.5	85.1	85.7	86.6	86.6	87.2	87.1	87.1	87.1	87.2
65.8	74.7	78.8	79.7	81.6	82.6	84.0	86.3	87.7	87.6	88.5	88.5	88.8	89.0	89.0	89.0	89.1
66.3	75.3	79.8	80.7	82.6	83.6	85.1	88.0	89.6	89.2	90.1	90.1	90.5	90.6	90.6	90.6	90.7
66.3	75.6	80.2	81.1	83.0	84.0	85.5	88.7	89.7	90.5	91.4	91.4	91.9	92.0	92.0	92.0	92.1
66.3	75.8	80.5	81.3	83.5	84.5	86.2	89.6	90.7	91.7	92.7	92.7	93.2	93.4	93.4	93.4	93.5
66.3	76.1	80.7	81.6	84.5	85.5	87.2	90.9	92.0	93.7	94.7	94.7	95.1	95.2	95.2	95.2	95.4
66.3	76.3	81.0	81.8	84.7	85.7	87.5	91.6	92.7	93.7	95.9	96.0	97.0	97.0	97.1	97.1	97.2
66.3	76.3	81.0	81.8	84.7	85.7	87.5	91.7	92.9	94.4	96.7	96.9	98.1	98.6	98.6	98.6	98.7
66.3	76.3	81.0	81.8	84.7	85.7	87.5	91.7	92.9	94.4	96.7	97.0	98.6	99.2	99.4	99.4	99.5
66.3	76.3	81.0	81.8	84.7	85.7	87.5	91.7	92.9	94.4	96.7	97.0	98.6	99.2	99.4	99.6	99.7
66.3	76.3	81.0	81.8	84.7	85.7	87.5	91.7	92.9	94.4	96.7	97.0	98.6	99.4	99.6	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 798

1. ELIMINATE LOW BRANCH  
TAC  
DATE 4 11 44.0 / 140

## CEILING VERSUS VISIBILITY

SPARREVELL AFB TX

10-61

NOV

NOV 1 1961  
NOV 1 1961  
NOV 1 1961

10-61-701

25.7	30.6	33.7	35.6	34.7	34.7	34.1	34.4	34.4	34.6	34.8	34.8	34.9	35.1	35.7	35.7
27.7	31.6	34.2	34.8	35.0	35.1	35.3	35.5	35.7	35.8	35.9	35.9	36.1	36.2	36.3	36.3
31.5	36.4	38.1	38.4	38.8	38.8	39.1	37.4	37.4	37.7	37.8	37.9	38.7	38.1	38.7	38.7
33.8	37.5	38.1	38.5	38.9	38.9	39.2	39.4	39.4	39.8	39.8	39.9	40.1	40.2	40.7	40.7
34.1	38.7	39.7	39.7	39.4	39.4	39.7	39.9	39.9	40.7	40.8	40.8	40.8	40.7	40.7	40.7
38.1	39.9	40.8	41.1	41.4	41.4	41.6	41.9	41.9	42.3	43.1	43.1	43.2	43.3	43.5	43.5
39.8	42.0	43.6	43.6	44.2	44.2	44.5	44.7	44.7	45.1	46.0	46.0	46.2	46.3	46.4	46.4
39.8	43.8	44.4	44.7	45.1	45.1	45.4	45.7	45.7	46.0	47.0	47.0	47.1	47.2	47.3	47.3
40.4	45.7	47.7	48.1	48.5	48.5	48.8	49.1	49.1	49.4	50.7	50.7	50.8	50.8	50.7	50.7
41.4	52.2	54.1	54.5	55.1	55.1	55.4	55.6	55.8	56.3	57.2	57.2	57.3	57.6	57.7	57.7
50.8	53.5	55.7	57.1	57.7	57.7	58.1	58.2	58.5	58.9	59.8	59.8	59.8	59.9	60.2	60.3
52.5	57.7	59.2	59.3	59.9	60.2	60.4	60.7	61.1	61.3	62.3	62.3	62.3	62.4	62.6	62.8
53.4	58.6	59.8	60.2	60.8	61.1	61.3	61.6	61.9	62.3	63.2	63.2	63.3	63.6	63.7	63.7
55.3	58.7	60.0	60.4	60.8	60.8	60.8	64.1	64.3	64.7	65.8	65.8	65.9	66.1	66.3	66.3
56.5	64.6	65.7	66.3	66.3	67.3	67.7	68.0	68.2	68.6	69.8	69.8	69.8	69.7	70.2	70.3
56.3	65.2	66.5	66.9	67.8	68.2	68.6	69.0	69.4	69.9	71.5	71.5	71.6	71.9	72.0	72.0
60.1	67.3	68.6	69.1	70.3	71.7	71.3	71.7	72.1	72.6	74.2	74.2	74.3	74.6	74.7	74.7
61.8	69.7	70.2	70.9	71.6	73.0	73.7	74.2	74.7	75.2	76.8	76.8	76.9	77.0	77.3	77.3
61.2	69.1	71.7	71.5	73.3	73.7	74.3	74.8	75.4	75.9	77.4	77.4	77.6	77.8	78.0	78.0
61.7	69.9	71.8	72.0	74.4	74.8	75.5	76.5	77.1	77.6	79.1	79.1	79.4	79.6	79.8	79.8
62.3	71.9	71.8	74.1	76.7	76.5	77.3	78.5	79.3	79.9	81.5	81.5	81.7	82.2	82.4	82.4
62.4	71.5	73.3	75.2	77.6	78.2	79.1	80.4	81.0	82.1	83.7	83.7	83.9	84.4	84.5	84.6
62.6	72.5	75.1	76.5	78.9	79.6	80.5	82.1	83.0	83.9	85.5	85.5	85.7	86.3	86.4	86.4
62.7	72.9	75.5	76.9	78.6	80.5	81.5	83.0	84.0	85.0	86.6	86.6	86.9	87.4	87.5	87.5
63.6	73.5	76.7	77.7	80.5	81.6	82.5	84.0	85.0	86.5	88.2	88.2	88.6	89.1	89.2	89.2
63.9	73.3	76.7	78.2	81.1	82.2	83.1	85.5	86.6	87.9	89.6	89.6	90.1	90.7	90.8	90.8
63.8	74.4	77.3	79.0	81.1	83.3	84.3	87.3	88.5	90.0	91.7	91.7	92.9	93.4	93.5	93.5
63.8	74.6	77.4	79.4	83.6	83.8	84.3	88.2	89.4	90.9	93.7	93.1	94.6	95.1	95.3	95.3
63.5	74.3	77.8	79.6	83.7	84.2	85.3	89.1	90.5	92.1	94.7	94.8	96.8	97.8	98.1	98.1
63.3	74.6	77.9	79.8	83.0	84.2	85.3	89.1	90.5	92.2	95.1	95.6	97.8	98.8	99.4	99.4
63.3	74.8	77.8	79.6	83.5	84.2	85.3	89.2	90.7	92.3	95.2	95.7	97.9	98.7	99.5	99.7
63.6	74.8	77.8	79.6	83.7	84.2	85.3	89.2	90.7	92.3	95.2	95.7	97.9	98.7	99.5	99.7

TOTAL NUMBER OF OBSERVATIONS 771

CL. AL. ELTHAILEDLY FRANCH  
CL. TAC  
AT. WEATHER SERVICE/TAC

# CEILING VERSUS VISIBILITY

7-1956 SPAREVODN AFS, AK

73-51

NEW

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

1950-1955

24.1	33.3	33.6	33.6	33.9	34.3	34.3	34.6	34.6	34.8	34.9	34.9	35.3	35.3	35.3	35.3
25.1	34.9	35.4	35.6	35.9	36.2	36.2	36.7	36.7	36.7	36.7	36.9	37.2	37.2	37.2	37.2
26.2	36.1	36.6	36.7	37.1	37.4	37.4	37.9	37.9	37.9	37.9	38.1	38.4	38.4	38.4	38.4
27.7	37.7	38.2	38.4	38.7	39.1	39.1	39.5	39.5	39.5	39.5	39.7	40.0	40.0	40.0	40.0
28.2	38.4	38.9	39.1	39.4	39.7	39.7	40.2	40.2	40.2	40.2	40.4	40.7	40.7	40.7	40.7
29.7	39.2	39.7	39.9	40.4	40.7	40.7	41.2	41.2	41.2	41.2	41.4	41.7	41.7	41.7	41.7
30.5	41.5	42.0	42.2	42.7	43.1	43.1	43.7	43.7	43.7	43.7	43.8	44.2	44.2	44.2	44.2
31.1	42.1	42.5	42.7	43.2	43.5	43.5	44.2	44.2	44.2	44.2	44.3	44.6	44.6	44.6	44.6
32.7	44.2	44.6	44.8	45.3	45.6	45.6	46.3	46.3	46.3	46.3	46.5	46.9	46.9	46.9	46.9
37.2	43.9	44.4	44.8	45.2	45.6	45.6	46.3	46.3	46.3	46.3	46.5	46.9	46.9	46.9	46.9
37.6	51.6	52.2	52.6	53.1	53.4	53.4	54.1	54.1	54.1	54.1	54.3	54.6	54.6	54.6	54.6
38.1	52.5	53.2	53.5	54.1	54.4	54.4	55.1	55.1	55.1	55.1	55.2	55.5	55.5	55.5	55.5
41.7	53.7	54.4	54.7	55.2	55.5	55.5	56.2	56.2	56.2	56.2	56.3	56.7	56.7	56.7	56.7
41.5	55.8	56.5	56.8	57.3	57.8	57.8	58.5	58.5	58.5	58.5	58.6	59.1	59.1	59.1	59.1
43.3	59.6	60.6	61.0	61.6	62.3	62.6	63.6	63.8	63.8	63.8	63.8	64.3	64.3	64.3	64.3
44.6	61.3	62.3	62.6	63.3	63.9	64.3	65.2	65.4	65.4	65.4	65.6	66.1	66.1	66.1	66.1
46.1	63.4	64.7	65.2	66.2	67.1	67.4	68.4	68.5	68.5	68.5	68.7	69.2	69.2	69.2	69.2
46.3	65.2	66.7	67.9	69.4	70.2	70.5	71.7	71.8	71.8	72.0	72.2	72.5	72.5	72.5	72.5
46.3	65.4	67.4	68.7	70.2	71.0	71.3	72.5	72.7	72.7	72.7	73.0	73.3	73.3	73.3	73.3
47.3	66.7	69.4	70.7	72.3	73.3	73.6	75.5	75.6	75.8	75.9	76.1	76.9	76.9	76.9	76.9
48.3	68.2	71.7	73.5	75.1	76.6	77.1	78.9	79.2	79.6	79.7	79.9	80.7	80.7	80.7	80.7
48.4	69.1	72.9	75.1	77.3	78.7	79.4	81.4	82.0	82.4	82.5	82.7	83.5	83.5	83.7	83.7
48.9	69.5	73.9	75.9	78.6	80.1	80.7	83.2	83.9	84.7	84.8	85.3	85.8	85.8	86.0	86.0
48.8	69.7	74.3	76.4	79.4	80.9	81.5	84.5	85.3	86.8	87.3	87.5	88.3	88.3	88.5	88.5
48.7	69.7	74.6	76.8	79.7	81.2	81.9	85.8	86.7	88.6	89.3	89.5	90.3	90.3	90.4	90.4
48.7	70.2	75.1	77.3	80.2	81.9	82.5	86.7	87.5	89.5	90.1	90.3	91.1	91.1	91.3	91.3
48.3	70.3	75.1	77.4	80.4	82.2	82.9	87.1	88.6	90.3	91.1	91.3	92.6	92.6	93.1	93.1
48.9	70.3	75.1	77.6	80.7	82.5	83.4	87.8	88.6	90.9	92.8	92.9	94.7	94.9	95.4	95.4
48.7	70.3	75.1	77.6	80.7	82.5	83.4	87.8	88.8	91.4	93.7	94.1	96.7	96.9	97.4	97.7
48.9	70.3	75.1	77.6	80.7	82.5	83.4	88.3	89.0	91.6	94.1	94.4	97.0	97.4	98.0	98.4
48.9	70.3	75.1	77.6	80.7	82.5	83.4	88.3	89.0	91.6	94.1	94.4	97.0	97.7	98.4	98.7
48.9	70.3	75.1	77.6	80.7	82.5	83.4	88.3	89.0	91.6	94.1	94.4	97.0	97.7	98.4	98.7

TOTAL NUMBER OF OBSERVATIONS

607

2  
FEDERAL CLIMATOLOGY BRANCH  
OFFICE  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

730000 CPAPREVOHN AFB AK

73,76-31

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

1100-2300

25.3	37.1	37.6	37.6	37.8	38.3	38.3	38.6	38.6	38.6	38.6	38.6	38.6	38.8	39.7	39.7	39.7
26.7	38.1	38.6	38.6	38.8	39.3	39.3	39.7	39.7	39.7	39.7	39.7	39.7	39.8	40.0	40.0	40.0
27.5	39.3	39.8	39.8	40.0	40.5	40.5	40.9	40.9	40.9	40.9	40.9	40.9	41.2	41.2	41.2	41.2
28.5	40.6	41.0	41.0	41.2	41.7	41.7	42.1	42.1	42.1	42.1	42.1	42.1	42.2	42.4	42.4	42.4
29.1	41.0	41.5	41.5	41.7	42.2	42.2	42.6	42.6	42.6	42.6	42.6	42.6	42.7	42.9	42.9	42.9
29.4	42.4	42.9	42.9	43.1	43.6	43.6	43.9	43.9	43.9	43.9	43.9	43.9	44.1	44.3	44.3	44.3
30.3	44.4	45.0	45.0	45.1	45.6	45.6	46.0	46.0	46.0	46.0	46.0	46.0	46.2	46.3	46.3	46.3
31.1	45.3	45.8	45.8	46.0	46.5	46.5	46.8	46.8	46.8	46.8	46.8	46.8	47.0	47.2	47.2	47.2
32.3	46.4	46.9	46.9	47.2	47.7	47.7	50.1	50.1	50.1	50.1	50.1	50.1	50.3	50.4	50.4	50.4
33.3	47.6	50.3	50.3	50.5	54.7	54.5	54.9	54.9	54.9	54.9	54.9	54.9	55.0	55.2	55.2	55.2
33.1	55.3	55.9	56.1	56.6	57.1	57.1	57.4	57.4	57.4	57.4	57.4	57.4	57.6	57.8	57.8	57.8
34.3	56.4	56.2	56.4	56.9	57.4	57.4	57.8	57.8	57.8	57.8	57.8	57.8	57.9	58.1	58.1	58.1
39.3	56.6	57.6	57.8	58.3	58.8	58.8	59.1	59.1	59.1	59.1	59.1	59.1	59.3	59.5	59.5	59.5
42.7	59.3	59.8	60.5	61.0	61.5	61.5	61.9	62.2	62.2	62.2	62.2	62.2	62.4	62.6	62.6	62.6
42.9	61.9	62.7	63.4	63.9	64.6	64.6	65.3	65.6	65.6	65.6	65.6	65.6	65.8	66.0	66.0	66.0
43.9	63.9	65.7	65.8	66.7	67.5	67.7	68.4	68.7	68.7	68.7	68.7	68.7	68.9	69.1	69.1	69.1
44.6	66.0	68.0	69.2	70.1	70.9	71.1	72.6	73.0	73.0	73.0	73.0	73.0	73.2	73.3	73.3	73.3
45.5	67.2	69.2	71.1	72.1	73.0	73.3	74.9	75.2	75.2	75.2	75.2	75.2	75.4	75.6	75.6	75.6
45.6	67.7	69.7	71.8	72.8	73.7	74.0	75.6	75.9	75.9	75.9	75.9	75.9	76.1	76.2	76.2	76.2
46.2	70.6	73.3	75.7	77.4	78.5	78.8	80.7	81.0	81.0	81.0	81.0	81.0	81.4	81.5	81.5	81.5
47.2	71.8	74.5	76.9	79.0	80.3	80.7	82.6	83.4	83.4	83.4	83.4	83.4	83.8	83.9	83.9	83.9
47.2	72.3	75.2	77.6	80.5	81.7	83.2	85.1	86.0	86.0	86.0	86.0	86.0	86.3	86.7	86.8	86.8
47.2	72.6	75.6	77.9	81.2	82.6	84.3	87.3	88.0	88.0	88.0	88.0	88.0	88.9	89.2	89.2	89.2
47.2	72.8	75.9	78.3	81.5	82.9	84.6	87.9	88.9	89.9	90.6	90.6	90.6	90.9	91.3	91.3	91.3
47.2	73.0	76.2	78.6	81.9	83.2	85.0	88.4	89.4	90.8	92.0	92.0	92.0	92.5	92.8	92.8	92.8
47.2	73.0	76.2	78.6	82.2	83.6	85.3	88.9	89.9	91.3	92.5	92.5	93.0	93.3	93.5	93.5	93.5
47.2	73.0	76.2	78.6	82.2	83.6	85.3	88.9	89.9	91.5	93.0	93.0	93.5	93.8	94.0	94.0	94.0
47.2	73.0	76.2	78.6	82.2	83.6	85.3	89.1	90.1	91.6	94.0	94.0	94.5	95.0	95.4	95.6	95.6
47.2	73.0	76.2	78.6	82.2	83.6	85.3	89.1	90.1	92.1	94.5	94.5	94.9	97.6	97.9	98.1	98.5
47.2	73.0	76.2	78.6	82.2	83.6	85.3	89.1	90.1	92.1	94.5	94.9	98.3	99.0	99.3	99.7	99.7
47.2	73.0	76.2	78.6	82.2	83.6	85.3	89.1	90.1	92.1	94.5	94.9	98.3	99.0	99.5	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 585

GLOBAL CLIMATOLOGY BRANCH  
USAF/CLTAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

7 2750 SPADREVOHN AFS AK

73-81

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

ALL

28.8	36.2	37.1	37.5	37.4	38.1	38.3	38.9	39.1	39.1	39.4	39.5	39.7	39.8	39.8	39.8
37.0	37.7	38.5	39.1	39.4	39.6	39.8	40.5	40.5	40.7	41.0	41.0	41.2	41.3	41.4	41.4
31.1	35.8	39.6	40.1	40.5	40.7	41.0	41.6	41.9	41.8	42.1	42.2	42.4	42.5	42.5	42.6
32.2	40.1	40.9	41.4	41.8	41.9	42.2	42.8	42.9	43.1	43.4	43.4	43.6	43.7	43.8	43.9
32.9	40.7	41.5	42.0	42.4	42.6	42.7	43.5	43.6	43.7	44.1	44.1	44.3	44.4	44.5	44.5
33.7	41.7	42.6	43.1	43.5	43.7	44.0	44.6	44.7	44.8	45.2	45.3	45.5	45.6	45.7	45.7
35.5	44.1	45.1	45.5	45.9	46.1	46.4	47.1	47.1	47.3	47.7	47.8	48.0	48.1	48.2	48.2
36.1	44.8	45.7	46.2	46.6	46.8	47.1	47.8	47.8	48.1	48.4	48.5	48.7	48.8	48.9	48.9
38.8	48.1	49.1	49.6	50.0	50.2	50.5	51.2	51.3	51.5	51.9	51.9	52.1	52.2	52.3	52.3
43.1	53.1	54.2	54.8	55.3	55.5	55.8	56.6	56.7	56.9	57.3	57.4	57.6	57.7	57.8	57.8
44.5	55.3	56.5	57.2	57.7	57.9	58.3	59.0	59.1	59.3	59.7	59.8	60.0	60.1	60.2	60.2
45.5	56.8	58.2	58.8	59.5	59.7	60.0	60.8	60.9	61.1	61.5	61.6	61.8	61.9	62.0	62.1
46.4	57.9	59.3	59.9	60.6	60.8	61.2	61.9	62.1	62.2	62.6	62.7	62.9	63.0	63.1	63.1
48.1	60.0	61.6	62.3	63.1	63.4	63.8	64.5	64.7	64.9	65.3	65.4	65.6	65.7	65.8	65.8
49.7	62.8	64.7	65.5	66.4	66.7	67.3	68.2	68.3	68.5	69.0	69.1	69.3	69.4	69.5	69.5
50.7	64.4	66.5	67.3	68.5	68.8	69.5	70.5	70.7	71.0	71.6	71.6	71.8	72.0	72.1	72.1
51.9	66.2	68.5	69.5	70.8	71.3	72.0	73.3	73.5	73.8	74.4	74.4	74.6	74.8	74.9	74.9
52.5	67.5	70.1	71.4	73.1	73.6	74.6	75.9	76.2	76.6	77.2	77.3	77.5	77.6	77.7	77.7
52.7	68.0	70.7	72.0	73.8	74.3	75.3	76.6	76.9	77.3	77.6	78.1	78.2	78.3	78.4	78.4
53.2	69.6	72.7	74.2	76.3	77.0	78.1	79.8	80.1	80.6	81.2	81.2	81.5	81.7	81.8	81.8
53.6	70.4	73.6	75.3	77.6	78.3	79.7	81.5	82.1	82.8	83.4	83.5	83.9	84.1	84.2	84.2
53.9	71.3	74.9	76.7	79.6	80.5	82.3	84.2	84.9	85.9	86.7	86.8	87.1	87.3	87.4	87.5
54.1	71.8	75.6	77.4	80.5	81.5	83.3	85.7	86.4	87.5	88.4	88.5	88.9	89.1	89.2	89.2
54.1	72.2	76.2	78.1	81.3	82.3	84.2	86.8	87.6	89.7	89.9	90.1	90.5	90.7	90.8	90.9
54.2	72.5	76.5	78.4	81.7	82.7	84.7	87.7	88.6	90.2	91.5	91.6	92.1	92.3	92.4	92.5
54.3	72.6	76.7	78.6	82.0	83.0	85.1	88.3	89.2	90.9	92.4	92.4	92.5	93.1	93.3	93.5
54.3	72.8	76.8	78.8	82.3	83.4	85.5	88.9	89.8	91.9	93.5	93.6	94.4	94.6	94.8	94.9
54.3	72.9	76.9	79.0	82.5	83.6	85.7	89.4	90.3	92.4	94.7	94.9	96.0	96.3	96.5	96.5
54.3	72.9	77.1	79.1	82.6	83.6	85.8	89.5	90.7	93.0	95.7	96.0	97.6	98.0	98.2	98.3
54.3	72.9	77.1	79.1	82.7	83.7	85.9	89.8	90.9	93.3	96.1	96.5	98.4	98.8	99.1	99.3
54.3	72.9	77.1	79.1	82.7	83.7	85.9	89.8	90.9	93.3	96.1	96.5	98.5	99.4	99.4	99.7
54.3	72.9	77.1	79.1	82.7	83.7	85.9	89.8	90.9	93.3	96.1	96.5	98.5	99.1	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 5943

GLOBAL CLIMATOLOGY BRANCH  
 CELESTAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

7 2350 SPARREVOHN AFS AK

73-81

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE  
 FROM HOURLY OBSERVATIONS

0000-0000

26.9	43.1	44.2	44.9	45.3	45.5	46.6	47.3	47.3	48.4	48.8	48.8	49.8	49.8	49.8	49.8
27.1	44.6	45.7	46.4	46.7	47.3	48.1	48.4	48.8	49.9	50.2	50.2	51.2	51.2	51.2	51.2
28.0	45.5	46.6	47.3	47.7	48.3	49.3	49.4	49.8	50.8	51.2	51.2	52.2	52.2	52.2	52.2
28.4	46.5	47.6	48.3	48.7	48.9	50.3	50.4	50.7	51.8	52.2	52.2	53.1	53.1	53.1	53.1
29.3	47.1	48.2	48.9	49.3	49.5	50.6	51.0	51.3	52.4	52.8	52.8	53.7	53.7	53.7	53.7
29.2	47.3	48.4	49.2	49.5	49.8	50.8	51.2	51.6	52.7	53.0	53.0	54.0	54.0	54.0	54.0
29.4	48.4	49.6	50.5	50.8	51.1	52.2	52.5	52.9	54.0	54.3	54.3	55.3	55.3	55.3	55.3
29.5	49.3	50.5	51.4	51.8	52.3	53.1	53.5	53.9	54.9	55.3	55.3	56.3	56.3	56.3	56.3
30.4	51.1	52.3	53.9	54.2	54.5	55.5	55.9	56.3	57.3	57.7	57.7	58.7	58.7	58.7	58.7
34.1	58.9	58.3	60.1	60.8	61.1	62.2	62.5	62.9	64.0	64.3	64.3	65.3	65.3	65.3	65.3
35.2	59.3	61.7	62.8	63.5	63.7	64.9	65.3	65.7	66.7	67.1	67.1	68.1	68.1	68.1	68.1
35.4	61.7	63.4	65.2	65.9	66.1	67.3	67.7	68.1	69.2	69.5	69.5	70.5	70.5	70.5	70.5
36.3	63.0	65.1	66.9	67.6	67.8	69.0	69.4	69.8	70.8	71.2	71.2	72.2	72.2	72.2	72.2
36.9	64.6	67.1	69.3	70.0	70.2	71.8	72.2	72.5	73.6	74.0	74.0	74.9	74.9	74.9	74.9
36.7	65.2	67.7	69.9	70.6	70.8	72.4	72.8	73.1	74.2	74.6	74.6	75.5	75.5	75.5	75.5
36.9	66.3	68.9	71.3	72.4	72.8	74.5	74.8	75.2	76.3	76.6	76.6	77.6	77.6	77.6	77.6
37.2	68.2	70.3	73.6	74.9	75.3	77.1	77.8	78.2	79.3	79.8	79.8	80.7	80.7	80.7	80.7
37.3	69.0	71.9	74.6	76.3	76.7	79.2	79.9	80.2	81.3	81.8	81.8	82.8	82.8	82.8	82.8
37.3	69.2	72.0	74.8	76.6	77.1	79.8	80.6	81.0	82.0	82.5	82.5	83.5	83.5	83.5	83.5
37.3	69.5	72.9	75.9	78.3	78.9	81.7	82.9	83.3	84.3	84.8	84.8	85.8	85.8	85.8	85.8
38.4	71.4	75.1	78.6	81.4	82.2	85.1	87.2	87.6	88.7	89.3	89.3	90.2	90.2	90.2	90.2
38.6	72.3	75.9	79.5	82.9	83.7	86.6	89.0	89.4	90.5	91.1	91.1	92.4	92.4	92.4	92.4
38.7	72.4	76.7	79.6	83.0	84.1	87.1	89.9	90.5	91.9	92.7	92.7	94.2	94.2	94.2	94.2
38.7	72.7	76.4	80.2	83.6	85.1	88.3	91.2	92.0	93.7	94.9	94.9	96.7	96.7	96.7	96.7
38.7	73.3	76.7	80.6	84.0	85.4	88.7	91.6	92.4	94.2	95.5	95.5	97.3	97.3	97.3	97.3
38.7	73.1	77.0	80.8	84.2	85.7	88.9	91.9	92.8	94.9	96.3	96.3	98.2	98.2	98.2	98.2
38.7	73.1	77.3	80.8	84.2	85.7	88.9	91.9	92.8	95.3	96.6	96.6	98.9	98.9	98.9	98.9
38.7	73.1	77.3	80.8	84.2	85.7	88.9	91.9	92.8	95.3	96.7	97.0	99.4	99.4	99.5	99.5
38.7	73.1	77.3	80.8	84.2	85.7	88.9	91.9	92.8	95.3	96.7	97.0	99.5	99.5	99.6	99.6
38.7	73.1	77.7	80.8	84.2	85.7	88.9	91.9	92.8	95.3	96.7	97.0	99.5	99.5	99.8	99.8
38.7	73.1	77.7	80.8	84.2	85.7	88.9	91.9	92.8	95.3	96.7	97.0	99.5	99.5	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 837

NOTE: 1. ALL VALUES ARE IN PERCENTS UNLESS OTHERWISE SPECIFIED.



GLOBAL CLIMATOLOGY BRANCH  
USAF LTAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

7.2357 SPARREVOHN AFS AK

73-81

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

7600-7600

37.1	44.7	45.8	46.4	46.8	47.1	47.2	48.3	48.3	48.7	49.5	49.2	49.4	49.4	49.4	49.4
38.9	46.7	47.1	47.7	48.1	48.3	48.6	49.6	49.6	50.1	50.5	50.6	50.8	50.8	50.8	50.8
51.2	47.1	48.3	48.9	49.3	49.5	49.8	50.8	50.8	51.3	51.7	51.8	52.0	52.0	52.0	52.0
31.2	47.1	49.4	49.1	49.4	49.6	49.9	51.0	51.0	51.4	51.8	51.9	52.2	52.2	52.2	52.2
31.5	47.5	48.8	49.4	49.8	50.1	50.2	51.3	51.3	51.8	52.2	52.3	52.5	52.5	52.5	52.5
31.8	47.7	49.1	49.6	50.0	50.2	50.5	51.6	51.6	52.0	52.4	52.5	52.8	52.8	52.8	52.8
32.1	48.7	50.1	50.6	51.0	51.2	51.4	52.5	52.5	53.0	53.4	53.5	53.7	53.7	53.7	53.7
32.5	49.2	50.5	51.1	51.4	51.7	51.9	53.1	53.1	53.5	53.8	54.1	54.2	54.2	54.2	54.2
33.7	51.6	53.1	53.7	54.6	54.8	55.3	56.6	56.6	57.1	57.4	57.6	57.8	57.8	57.8	57.8
37.2	57.6	59.4	60.1	60.9	61.2	61.8	63.1	63.1	63.5	63.9	64.0	64.3	64.3	64.3	64.3
38.5	60.7	62.7	63.5	64.6	64.9	65.5	66.8	66.8	67.4	67.7	68.0	68.2	68.2	68.2	68.2
39.3	62.6	64.7	65.6	66.7	66.9	67.6	68.9	69.9	69.5	70.0	70.1	70.4	70.4	70.4	70.4
39.6	62.9	65.1	65.9	67.0	67.3	68.0	69.3	69.3	69.9	70.4	70.7	71.0	71.0	71.0	71.0
39.9	63.1	67.3	68.1	69.2	69.4	70.4	71.8	71.8	72.4	72.9	73.3	73.5	73.5	73.5	73.5
40.4	66.2	68.7	69.5	70.7	71.1	72.1	73.5	73.5	74.1	74.6	74.9	75.2	75.2	75.2	75.2
41.0	67.7	70.5	71.9	73.4	73.7	74.8	76.3	76.3	76.9	77.3	77.8	78.1	78.1	78.1	78.1
41.1	69.5	72.4	74.2	75.9	76.3	77.6	79.0	79.0	80.0	80.5	80.9	81.2	81.2	81.2	81.2
41.4	70.0	73.3	75.2	77.0	77.7	79.0	80.8	80.8	81.8	82.3	82.7	83.0	83.0	83.0	83.0
41.4	70.1	73.7	76.0	77.9	78.8	80.3	82.1	82.1	83.1	83.6	84.1	84.3	84.3	84.3	84.3
41.5	71.5	75.2	78.1	80.6	81.9	84.4	86.6	86.6	87.5	88.0	88.5	88.8	88.8	88.8	88.8
41.7	72.3	76.1	79.5	82.3	83.6	86.9	90.0	90.0	91.1	91.9	92.3	92.8	92.8	92.8	92.8
41.8	73.1	77.2	80.6	83.7	85.0	89.1	92.3	92.7	93.9	94.8	95.3	95.8	95.8	95.8	95.8
41.8	73.1	77.2	80.6	83.7	85.0	89.1	92.7	93.1	94.5	95.7	96.2	96.6	96.6	96.8	96.8
41.8	73.1	77.2	80.6	83.7	85.0	89.1	92.7	93.2	95.1	96.8	97.2	97.8	97.8	98.0	98.0
41.8	73.3	77.5	80.8	83.9	85.3	89.4	93.2	93.6	95.7	97.4	97.8	98.6	98.6	98.7	98.7
41.8	73.5	77.7	81.1	84.2	85.5	89.7	93.4	93.9	95.9	97.6	98.1	99.0	99.0	99.2	99.2
41.8	73.5	77.7	81.1	84.2	85.5	89.7	93.4	93.9	96.2	98.1	98.6	99.5	99.5	99.6	99.6
41.8	73.5	77.7	81.1	84.2	85.5	89.7	93.4	93.9	96.2	98.1	98.7	99.8	99.8	99.9	99.9
41.8	73.5	77.7	81.1	84.2	85.5	89.7	93.4	93.9	96.2	98.1	98.7	99.9	99.9	100.0	100.0
41.8	73.5	77.7	81.1	84.2	85.5	89.7	93.4	93.9	96.2	98.1	98.7	99.9	99.9	100.0	100.0
41.8	73.5	77.7	81.1	84.2	85.5	89.7	93.4	93.9	96.2	98.1	98.7	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 834

USAF LTAC 73-81 A WEATHER SERVICE/MAC ARE OBSOLETE

1  
2

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

7 2350 SPARREVOHN AFS AK

73-81

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

1900-1100

31.4	38.2	39.2	40.0	40.5	40.7	41.3	41.9	41.9	42.9	43.3	43.3	43.4	43.4	43.4	43.4
32.3	39.5	40.5	41.3	41.8	42.0	42.7	43.3	43.3	44.2	44.6	44.6	44.7	44.7	44.7	44.7
33.5	40.2	41.2	42.0	42.5	42.8	43.4	44.0	44.1	45.1	45.4	45.4	45.5	45.5	45.5	45.5
34.2	41.0	41.9	42.8	43.3	43.5	44.1	44.7	44.7	45.8	46.1	46.1	46.3	46.3	46.3	46.3
34.8	41.7	42.7	43.5	44.0	44.2	44.8	45.4	45.4	46.5	46.9	46.9	47.0	47.0	47.0	47.0
35.2	42.0	43.0	43.9	44.3	44.6	45.2	45.8	45.8	46.9	47.2	47.2	47.3	47.3	47.3	47.3
35.3	43.1	44.1	44.9	45.4	45.7	46.3	46.9	46.9	48.0	48.3	48.3	48.4	48.4	48.4	48.4
36.9	43.7	44.7	45.5	46.0	46.3	46.9	47.5	47.5	48.6	48.9	48.9	49.0	49.0	49.0	49.0
38.2	45.9	46.9	47.7	48.2	48.4	49.3	50.0	50.0	51.1	51.4	51.4	51.6	51.6	51.6	51.6
45.1	53.3	54.3	55.3	55.8	56.0	56.9	57.6	57.6	58.8	59.2	59.2	59.3	59.3	59.3	59.3
47.8	57.5	58.7	59.9	60.4	60.6	61.4	62.3	62.3	63.5	63.9	64.0	64.1	64.1	64.1	64.1
48.9	60.4	61.6	62.9	63.5	63.7	64.6	65.4	65.4	66.6	67.0	67.1	67.2	67.2	67.2	67.2
50.4	61.0	62.2	63.5	64.1	64.3	65.2	66.0	66.0	67.3	67.7	67.8	68.0	68.0	68.0	68.0
52.2	64.0	65.2	66.6	67.5	67.7	68.6	69.4	69.5	71.0	71.3	71.4	71.6	71.6	71.7	71.7
54.9	67.0	68.2	69.8	70.6	71.0	71.8	72.7	72.8	74.2	74.6	74.7	74.8	74.8	74.9	74.9
55.3	67.7	69.0	70.8	71.7	72.0	73.0	74.0	74.1	75.5	75.9	76.0	76.1	76.1	76.3	76.3
56.5	69.0	70.4	72.2	73.1	73.5	74.5	75.7	75.8	77.5	77.8	78.0	78.2	78.2	78.3	78.3
57.8	70.6	71.9	74.0	75.3	75.9	76.9	79.2	79.3	81.2	81.7	81.8	82.0	82.0	82.2	82.2
58.3	71.4	73.0	75.1	76.4	77.0	78.0	80.4	80.5	82.7	83.1	83.3	83.5	83.5	83.6	83.6
58.9	73.0	75.1	77.1	78.4	79.0	80.2	82.7	82.8	85.3	85.9	86.0	86.3	86.3	86.4	86.4
58.9	73.3	75.4	77.7	79.3	80.0	81.3	84.5	84.6	87.2	88.2	88.3	88.6	88.6	88.7	88.7
59.3	73.9	76.1	78.4	80.0	80.8	82.7	86.1	86.3	89.2	90.1	90.2	90.7	90.7	90.8	90.8
59.5	74.1	76.4	78.7	80.2	81.1	82.9	86.5	86.7	89.6	90.7	90.8	91.3	91.3	91.4	91.4
59.8	74.7	77.0	79.4	81.0	81.8	84.0	87.7	88.2	91.3	92.5	92.7	93.5	93.5	93.6	93.6
59.9	74.7	77.1	79.4	81.0	81.8	84.1	88.1	88.6	92.2	93.7	93.9	94.7	94.7	94.8	94.8
59.8	74.7	77.1	79.4	81.0	81.8	84.1	88.2	88.8	92.7	94.5	94.6	95.5	95.5	95.7	95.7
59.8	74.8	77.1	79.5	81.2	82.0	84.5	88.8	89.6	93.6	95.5	95.7	96.9	96.9	97.0	97.0
59.8	74.8	77.1	79.5	81.2	82.0	84.5	88.8	90.0	94.0	96.6	96.7	98.0	98.0	98.1	98.1
59.8	74.8	77.1	79.5	81.2	82.0	84.5	88.8	90.0	94.2	97.0	97.1	98.9	98.9	99.2	99.2
59.8	74.8	77.1	79.5	81.2	82.0	84.5	88.8	90.0	94.2	97.1	97.3	99.0	99.0	99.3	99.3
59.8	74.8	77.1	79.5	81.2	82.0	84.5	88.8	90.0	94.2	97.1	97.3	99.2	99.2	99.5	99.5
59.8	74.8	77.1	79.5	81.2	82.0	84.5	88.8	90.0	94.2	97.1	97.3	99.2	99.2	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 830

10-10-73

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

72300 SPARREVOHN AFS AK

73-81

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

1210-1400

29.8	36.9	37.5	37.8	38.4	38.6	38.7	38.7	38.8	40.1	40.2	40.2	40.2	40.2	40.2	40.2	40.2
31.9	39.3	40.0	40.2	40.8	41.0	41.1	41.1	41.7	42.5	42.7	42.7	42.7	42.7	42.7	42.8	42.8
32.4	39.9	40.6	40.8	41.4	41.6	41.7	41.7	42.3	43.1	43.3	43.3	43.3	43.3	43.3	43.4	43.4
32.9	40.4	41.1	41.3	41.9	42.0	42.2	42.2	42.9	43.6	43.7	43.7	43.7	43.7	43.7	43.9	43.9
34.7	41.7	42.4	42.7	43.3	43.4	43.5	43.5	44.1	44.9	45.1	45.1	45.1	45.1	45.1	45.2	45.2
35.4	43.1	43.0	44.1	44.7	44.8	44.9	44.9	45.5	46.4	46.5	46.5	46.5	46.5	46.5	46.6	46.6
36.9	44.5	45.3	45.7	46.3	46.4	46.5	46.5	47.1	48.0	48.1	48.1	48.1	48.1	48.1	48.2	48.2
37.5	45.3	46.0	46.4	47.0	47.1	47.2	47.2	47.8	48.7	48.8	48.8	48.8	48.8	48.8	48.9	48.9
39.2	47.8	48.7	49.2	49.8	49.9	50.0	50.0	50.6	51.4	51.6	51.6	51.6	51.6	51.6	51.7	51.7
40.1	54.3	55.8	56.3	57.0	57.1	57.2	57.2	57.8	58.7	58.8	58.8	58.8	58.8	58.8	58.9	58.9
48.7	58.5	59.4	60.1	60.8	61.1	61.6	61.6	62.2	63.0	63.1	63.1	63.1	63.1	63.1	63.3	63.3
50.0	61.0	62.2	62.8	63.6	64.0	64.6	64.6	65.5	66.6	66.7	66.7	66.7	66.7	66.7	66.9	66.9
51.1	61.4	62.8	63.4	64.3	64.7	65.3	65.7	66.4	67.5	68.0	68.0	68.0	68.0	68.0	68.1	68.1
52.3	63.6	65.3	66.1	67.2	67.7	68.3	68.8	69.5	70.6	71.1	71.1	71.1	71.1	71.1	71.2	71.2
56.7	68.1	69.7	70.8	71.9	72.4	73.0	73.5	74.2	75.3	75.8	75.8	75.8	75.8	75.8	75.9	75.9
57.1	70.1	72.0	73.3	74.6	75.1	75.8	76.3	77.0	78.1	78.6	78.6	78.6	78.6	78.6	78.7	78.7
57.7	71.2	73.1	74.6	75.9	76.5	77.2	77.7	78.8	79.9	80.4	80.4	80.4	80.4	80.4	80.5	80.5
58.6	72.7	74.6	76.5	78.0	78.8	80.1	81.1	82.2	83.5	84.0	84.0	84.0	84.0	84.0	84.1	84.1
59.6	72.9	75.1	77.0	78.6	79.4	80.7	81.8	82.9	84.2	84.7	84.7	84.7	84.7	84.7	84.8	84.8
59.3	74.1	76.6	78.6	80.2	81.1	82.5	83.6	84.7	86.0	86.5	86.5	86.5	86.5	86.5	86.9	86.9
60.2	75.3	77.8	79.9	81.7	82.7	84.1	85.3	86.5	87.8	88.5	88.6	88.9	88.9	88.9	89.0	89.0
60.5	76.1	78.7	80.8	82.8	83.7	85.3	86.6	87.9	89.2	90.2	90.2	90.8	90.8	90.8	91.0	91.0
60.6	76.5	79.0	81.2	83.1	84.3	85.9	87.2	88.4	89.9	91.3	91.3	92.0	92.0	92.0	92.3	92.3
61.0	76.9	79.4	81.7	83.6	84.8	86.4	87.8	89.0	90.7	92.3	92.3	93.0	93.0	93.0	93.5	93.5
61.2	77.1	79.5	81.9	84.0	85.2	86.7	88.3	89.6	91.4	93.0	93.0	93.7	93.7	93.7	94.2	94.2
61.2	77.2	79.8	82.0	84.1	85.3	86.9	88.4	89.8	91.8	93.5	93.5	94.3	94.3	94.3	94.8	94.8
61.3	77.3	79.9	82.2	84.2	85.4	87.0	88.6	90.0	92.7	94.8	94.8	96.1	96.1	96.1	96.6	96.6
61.3	77.3	79.9	82.2	84.2	85.4	87.0	88.6	90.1	93.3	95.7	95.7	97.1	97.1	97.1	97.6	97.6
61.3	77.3	79.9	82.2	84.2	85.4	87.0	88.6	90.1	93.6	96.1	96.1	98.1	98.1	98.1	98.8	98.8
61.3	77.3	79.9	82.2	84.2	85.4	87.1	88.7	90.2	94.0	97.0	97.0	98.9	98.9	98.9	99.6	99.6
61.3	77.3	79.9	82.2	84.2	85.4	87.1	88.7	90.2	94.0	97.0	97.0	98.9	98.9	98.9	99.6	99.6
61.3	77.3	79.9	82.2	84.2	85.4	87.1	88.7	90.2	94.0	97.0	97.0	98.9	98.9	98.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS

832

2  
JUNIOR CLIMATOLOGY BRANCH  
CRAFTAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

7 2300 SPARREVOHN AFS AK

73-01

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

1500-1700

28.9	36.9	37.4	37.4	37.6	37.7	38.3	38.2	38.8	39.3	39.6	39.6	39.8	39.8	39.8	39.8
30.3	39.1	39.6	39.6	39.8	39.9	40.2	40.4	41.1	41.6	41.9	41.9	42.1	42.1	42.1	42.1
31.7	41.3	41.9	41.9	42.1	42.2	42.5	42.7	43.4	43.9	44.2	44.2	44.4	44.4	44.4	44.4
31.9	41.6	42.2	42.2	42.5	42.6	42.8	43.1	43.8	44.3	44.5	44.5	44.8	44.8	44.8	44.8
33.1	43.3	43.9	43.9	44.2	44.3	44.5	44.8	45.5	46.0	46.2	46.2	46.5	46.5	46.5	46.5
33.9	44.1	44.7	44.7	44.9	45.3	45.3	45.5	46.2	46.7	47.3	47.3	47.2	47.2	47.2	47.2
35.3	45.5	46.1	46.1	46.4	46.5	47.3	47.2	47.9	48.4	48.7	48.7	48.9	48.9	48.9	48.9
35.3	46.5	47.1	47.1	47.3	47.5	47.9	48.2	48.9	49.4	49.6	49.6	49.9	49.9	49.9	49.9
37.3	48.3	48.9	48.9	49.2	49.3	49.9	50.1	50.8	51.3	51.6	51.6	51.8	51.8	51.8	51.8
43.6	55.2	55.8	55.8	56.1	56.2	56.8	57.2	57.9	58.4	58.6	58.6	58.9	58.9	58.9	58.9
45.5	57.3	58.1	58.6	59.9	59.3	59.6	60.3	60.7	61.2	61.4	61.4	61.7	61.7	61.7	61.7
47.3	59.7	61.6	61.2	61.4	61.7	62.6	63.3	63.7	64.2	64.4	64.4	64.7	64.7	64.7	64.7
47.6	60.3	60.8	61.4	61.7	61.9	62.9	63.2	64.1	64.6	65.3	65.3	65.3	65.3	65.3	65.3
48.1	60.9	61.7	62.3	62.5	62.9	63.8	64.3	65.2	65.7	66.1	66.1	66.4	66.4	66.4	66.4
50.1	63.3	63.8	64.4	64.7	65.4	66.4	66.9	67.7	68.2	68.7	68.7	68.9	68.9	68.9	68.9
52.5	66.4	67.4	68.2	68.6	69.4	70.6	71.5	72.3	72.8	73.3	73.3	73.5	73.5	73.5	73.5
53.6	68.6	69.8	70.6	71.3	72.3	73.2	74.3	74.9	75.4	75.8	75.8	76.1	76.1	76.1	76.1
54.4	70.3	71.6	72.5	72.9	74.3	75.8	77.2	78.2	78.6	79.1	79.1	79.4	79.4	79.4	79.4
54.7	71.5	72.9	73.8	75.0	76.1	77.9	79.6	80.6	81.1	81.6	81.6	81.8	81.8	81.8	81.8
55.6	73.4	75.2	76.1	77.5	78.9	81.1	83.3	84.2	85.3	85.4	85.4	85.7	85.7	85.7	85.7
56.1	74.4	76.3	77.3	77.3	80.3	82.8	85.3	86.3	87.5	88.1	88.1	88.3	88.3	88.3	88.3
56.3	75.3	76.9	77.9	79.6	80.9	83.4	86.3	87.3	88.5	89.1	89.1	89.3	89.3	89.3	89.3
56.4	75.1	77.1	78.3	80.1	81.4	84.3	87.3	88.1	89.4	90.3	90.3	90.5	90.5	90.5	90.5
56.4	75.2	77.2	78.2	80.3	81.9	84.3	87.4	88.5	89.8	90.7	90.7	90.9	90.9	90.9	90.9
56.4	75.4	77.3	78.4	80.7	82.2	84.8	88.1	89.3	90.7	91.5	91.5	91.7	91.7	91.7	91.7
56.4	75.4	77.3	78.4	81.7	82.2	84.8	88.3	89.7	91.3	92.4	92.4	92.6	92.6	92.6	92.6
56.7	75.8	77.8	78.9	81.2	82.6	85.3	89.3	90.4	93.2	94.5	94.5	94.9	94.9	94.9	94.9
56.7	75.8	77.8	78.9	81.3	82.8	85.4	89.2	91.0	93.9	96.0	96.0	96.5	96.5	97.2	97.2
56.7	75.8	77.8	78.9	81.3	82.8	85.6	89.4	91.4	94.5	97.1	97.1	97.8	97.8	98.3	98.3
56.7	75.8	77.8	78.9	81.3	82.8	85.7	89.6	91.5	94.9	97.9	97.9	99.3	99.3	99.5	99.5
56.7	75.8	77.8	78.9	81.3	82.8	85.7	89.6	91.5	94.9	97.9	97.9	99.3	99.3	99.6	99.6
56.7	75.8	77.8	78.9	81.3	82.8	85.7	89.6	91.5	94.9	97.9	97.9	99.3	99.3	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 824

2  
CLIMATE CLIMATOLOGY BRANCH  
USAF/CLAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

7-1301 SPARREVOHN AFS AK

73-81

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

1953-1957

27.5	32.3	39.7	39.7	40.5	40.3	41.9	42.3	42.6	42.8	43.4	43.4	43.7	43.7	43.7	43.7
28.8	40.3	41.2	41.2	41.8	41.8	42.5	43.9	44.2	44.4	45.2	45.2	45.3	45.3	45.3	45.3
21.2	40.9	41.8	41.8	42.5	42.5	43.1	44.5	44.8	45.0	45.5	45.6	45.9	45.9	45.9	45.9
21.2	41.1	42.0	42.0	42.6	42.6	43.3	44.7	45.2	45.1	45.9	45.8	46.1	46.1	46.1	46.1
22.9	42.8	43.7	43.7	44.4	44.4	45.0	46.4	46.7	46.9	47.5	47.5	47.8	47.8	47.8	47.8
23.1	42.9	43.9	43.9	44.5	44.5	45.1	45.6	46.9	47.0	47.6	47.6	48.0	48.0	48.0	48.0
24.3	44.5	45.5	45.5	46.1	46.1	46.7	48.1	48.4	48.6	49.2	49.2	49.5	49.5	49.5	49.5
24.5	45.0	45.9	45.9	46.6	46.6	47.2	48.6	48.9	49.1	49.7	49.7	50.2	50.2	50.2	50.2
24.9	46.6	47.5	47.5	48.1	48.1	48.7	50.2	50.5	50.6	51.3	51.3	51.6	51.6	51.6	51.6
27.7	54.2	55.3	56.3	56.7	56.7	57.4	58.8	59.1	59.2	59.9	59.9	60.2	60.2	60.2	60.2
25.7	55.8	57.2	58.3	58.8	58.8	59.4	60.8	61.1	61.3	61.9	61.9	62.2	62.2	62.2	62.2
29.5	57.7	59.7	60.3	60.8	60.8	61.4	62.9	63.7	63.3	63.9	63.9	64.3	64.3	64.3	64.3
29.8	57.8	59.7	60.5	61.3	61.3	61.9	63.3	63.6	63.8	64.4	64.4	64.7	64.7	64.7	64.7
29.8	58.6	60.5	61.3	62.1	62.1	62.7	64.3	64.6	64.7	65.4	65.4	65.7	65.7	65.7	65.7
37.7	65.3	62.2	63.3	63.8	63.8	64.6	66.1	66.5	66.6	67.2	67.2	67.6	67.6	67.6	67.6
31.2	65.8	63.3	64.1	65.3	65.3	66.3	68.3	68.3	68.5	69.1	69.1	69.4	69.4	69.4	69.4
31.8	63.8	66.3	67.2	68.5	68.7	69.6	71.6	71.8	72.1	72.7	72.7	73.3	73.3	73.3	73.3
32.0	65.7	68.5	69.6	71.3	71.5	72.9	74.9	75.2	75.4	76.0	76.0	76.3	76.3	76.3	76.3
32.7	66.1	69.8	70.1	72.1	72.3	73.8	76.3	76.6	76.8	77.4	77.4	77.7	77.7	77.7	77.7
32.4	67.2	71.7	72.3	74.9	75.5	77.4	80.4	80.9	81.7	82.3	82.3	82.6	82.6	82.6	82.6
32.4	63.7	73.2	74.5	77.6	78.1	80.1	83.5	84.7	85.5	85.6	85.6	86.1	86.1	86.1	86.1
32.4	69.3	74.7	75.4	78.7	79.5	81.8	85.6	86.2	87.5	88.1	88.1	88.9	88.9	88.9	88.9
32.9	73.1	74.8	76.2	79.9	80.7	83.2	87.5	88.1	89.5	90.1	90.1	90.9	90.9	90.9	90.9
33.1	73.4	75.1	76.5	80.7	81.5	84.3	88.2	88.9	90.6	91.5	91.5	92.3	92.3	92.3	92.3
33.1	77.4	75.1	76.5	80.7	81.5	84.3	88.4	89.3	91.1	92.0	92.0	92.9	92.9	92.9	92.9
33.1	73.5	75.2	76.6	80.9	81.7	84.2	88.7	89.8	91.8	92.6	92.8	94.5	94.5	94.5	94.5
33.1	73.5	75.2	76.6	80.9	81.7	84.2	88.7	90.5	92.8	94.0	94.0	95.8	95.8	95.8	95.8
33.1	73.5	75.2	76.6	80.9	81.7	84.2	89.2	90.6	93.6	96.1	96.1	98.4	98.4	98.4	98.4
33.1	73.5	75.2	76.6	80.9	81.7	84.2	89.2	90.6	93.7	96.6	96.7	99.4	99.4	99.4	99.4
33.1	73.5	75.2	76.6	80.9	81.7	84.2	89.2	90.6	93.7	96.7	96.9	99.8	100.0	100.0	100.0
33.1	73.5	75.2	76.6	80.9	81.7	84.2	89.2	90.6	93.7	96.7	96.9	99.8	100.0	100.0	100.0
33.1	73.5	75.2	76.6	80.9	81.7	84.2	89.2	90.6	93.7	96.7	96.9	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 638

CLIMATE CLIMATOLOGY BRANCH  
 WAFETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

7-135 GPAPREVOHN AFS AK

73.75-81

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE  
 FROM HOURLY OBSERVATIONS

11-2-2000

22.7	43.7	43.5	44.3	44.3	44.6	45.1	46.3	46.7	47.2	47.5	48.5	48.5	48.6	48.6	48.6
23.3	44.1	44.5	45.0	45.4	45.7	46.1	47.4	48.1	48.3	48.6	49.5	49.5	49.7	49.7	49.7
24.1	45.3	45.5	46.3	46.3	46.6	47.1	48.3	48.9	49.2	49.5	50.5	51.5	50.6	50.6	50.6
24.3	45.4	45.8	46.3	46.6	46.9	47.4	48.6	49.2	49.5	49.8	50.8	51.8	50.9	50.9	50.9
25.4	46.7	47.2	47.7	48.1	48.5	48.9	50.2	50.8	51.1	51.4	52.3	52.3	52.5	52.5	52.5
25.5	47.4	47.9	48.3	48.8	49.1	49.5	50.8	51.4	51.7	52.0	52.9	52.9	53.1	53.1	53.1
25.7	47.7	48.1	48.6	49.1	49.4	49.8	51.1	51.7	52.1	52.3	53.3	53.3	53.4	53.4	53.4
25.7	48.1	48.5	49.1	49.5	49.8	50.3	51.5	52.2	52.5	52.8	53.7	53.7	53.9	53.9	53.9
27.2	50.9	51.4	52.5	53.1	53.4	53.9	55.1	55.7	56.7	56.8	57.3	57.3	57.4	57.4	57.4
29.7	57.3	58.1	59.8	60.4	60.7	61.3	62.5	63.2	63.5	63.8	64.7	64.7	64.9	64.9	64.9
30.7	60.5	61.5	63.2	63.8	64.1	64.7	65.9	66.6	66.9	67.2	68.1	68.1	68.3	68.3	68.3
30.7	61.5	62.9	64.6	65.2	65.5	66.1	67.3	68.1	68.3	69.6	69.5	69.5	69.7	69.7	69.7
30.9	61.9	63.6	65.3	65.9	66.3	66.9	68.1	68.7	69.3	69.3	70.3	70.3	70.4	70.4	70.4
31.1	63.2	64.9	66.9	67.5	67.8	68.6	69.8	70.4	70.7	71.1	72.1	72.0	72.1	72.1	72.1
31.6	64.1	65.8	67.8	68.4	68.7	69.5	70.7	71.4	71.7	72.3	72.9	72.9	73.1	73.1	73.1
31.9	64.9	66.9	68.9	69.5	69.8	70.6	72.1	72.8	73.1	73.4	74.3	74.3	74.5	74.5	74.5
32.8	66.3	68.7	70.9	71.7	72.3	72.8	74.3	74.9	75.2	75.5	76.5	76.5	76.6	76.6	76.6
33.4	68.3	71.2	74.0	75.1	75.4	77.1	78.6	79.3	79.6	79.9	80.8	80.8	81.0	81.0	81.0
33.4	68.4	71.7	74.6	75.7	76.2	78.3	79.6	80.7	80.5	80.8	81.7	81.7	81.9	81.9	81.9
33.7	69.5	73.1	76.3	77.6	78.3	80.0	81.7	82.4	82.7	83.0	83.9	83.9	84.1	84.1	84.1
34.1	70.3	74.1	77.2	79.9	80.5	82.8	85.4	86.3	86.7	87.3	87.9	88.1	88.2	88.2	88.2
34.1	71.4	75.5	78.8	81.9	82.7	85.6	88.4	89.3	90.1	90.7	91.6	92.0	92.1	92.1	92.1
34.2	71.7	75.9	79.1	82.2	83.4	86.7	90.1	91.3	92.4	93.1	94.0	94.0	94.4	94.4	94.4
34.4	71.8	76.2	79.4	82.8	84.2	87.6	91.2	92.4	94.0	94.9	95.8	96.3	96.4	96.4	96.4
34.4	71.8	76.2	79.4	82.8	84.2	87.6	91.3	92.6	94.1	95.4	96.3	96.7	96.9	96.9	96.9
34.4	71.8	76.2	79.4	82.8	84.2	87.6	91.8	93.0	95.0	96.3	97.2	98.3	98.5	98.5	98.5
34.4	71.8	76.2	79.4	82.8	84.2	87.6	91.8	93.1	95.3	96.3	97.2	98.3	98.5	98.5	98.5
34.4	71.8	76.2	79.4	82.8	84.2	87.6	91.8	93.2	95.4	97.2	98.1	99.5	99.7	99.7	99.7
34.4	71.8	76.2	79.4	82.8	84.2	87.6	91.8	93.2	95.4	97.2	98.1	99.7	99.8	99.8	99.8
34.4	71.8	76.2	79.4	82.8	84.2	87.6	91.8	93.2	95.4	97.2	98.1	99.7	99.8	100.0	100.0
34.4	71.8	76.2	79.4	82.8	84.2	87.6	91.8	93.2	95.4	97.2	98.1	99.7	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 646

CLIMATE CLIMATOLOGY BRANCH  
 WAFB/TAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

7075 SPAREVORN AFS AK

73-61

DEC

PER CENTAGE FREQUENCY OF OCCURRENCE  
 FROM HOURLY OBSERVATIONS

ALL

17.6	40.8	41.6	42.2	42.7	42.9	43.4	44.0	44.4	44.5	45.7	45.4	45.7	45.7	45.7	45.7
23.6	42.3	42.2	43.7	44.2	44.4	44.7	45.6	45.9	46.5	46.8	46.9	47.2	47.2	47.3	47.3
29.2	43.3	44.3	44.8	45.3	45.5	46.1	46.6	47.7	47.6	47.7	48.0	48.3	48.7	48.4	48.4
29.5	43.8	44.8	45.3	45.9	46.3	46.5	47.1	47.5	48.1	48.4	48.5	48.8	48.8	48.9	48.9
30.4	44.7	45.8	46.3	46.9	47.1	47.6	48.2	48.5	49.1	49.5	49.6	49.9	49.9	49.9	49.9
30.3	45.3	46.3	46.8	47.4	47.6	48.1	48.7	49.7	49.6	50.0	50.1	50.4	50.4	50.4	50.4
31.3	46.4	47.5	48.1	48.5	48.7	49.3	49.9	50.7	50.8	51.2	51.3	51.6	51.6	51.6	51.6
31.9	47.1	48.1	48.7	49.2	49.4	50.0	50.6	50.9	51.5	51.9	52.0	52.3	52.3	52.3	52.3
33.1	49.2	50.3	51.1	51.8	52.0	52.6	53.3	53.6	54.2	54.6	54.7	55.0	55.0	55.0	55.0
37.7	55.8	57.1	58.1	58.8	59.3	59.6	60.4	60.7	61.3	61.7	61.8	62.1	62.1	62.1	62.1
38.4	58.9	60.3	61.5	62.2	62.4	63.1	63.8	64.2	64.8	65.2	65.3	65.6	65.6	65.7	65.7
40.6	61.1	62.6	63.8	64.5	64.8	65.6	66.3	66.7	67.4	67.7	67.9	68.2	68.2	68.2	68.2
40.8	61.5	63.0	64.4	65.2	65.4	66.2	67.0	67.3	68.0	68.5	68.7	69.0	69.0	69.0	69.0
41.5	63.2	65.1	66.5	67.3	67.6	68.6	69.4	69.8	70.5	71.0	71.1	71.4	71.4	71.5	71.5
43.0	65.2	67.1	68.5	69.4	69.8	70.7	71.6	72.0	72.7	73.1	73.3	73.6	73.6	73.6	73.6
43.6	66.6	68.8	70.4	71.5	71.9	73.0	74.0	74.4	75.1	75.6	75.6	76.0	76.1	76.1	76.1
44.3	68.4	70.7	72.6	73.8	74.3	75.5	76.6	77.0	77.8	78.3	78.4	78.7	78.8	78.8	78.8
44.8	69.7	72.2	74.3	75.7	76.4	78.0	79.5	79.9	80.8	81.3	81.5	81.8	81.8	81.8	81.8
44.9	70.1	72.8	75.0	76.5	77.3	79.3	80.6	81.1	82.0	82.5	82.6	83.0	83.0	83.0	83.0
45.3	71.2	74.2	76.7	78.7	79.6	81.6	83.6	84.0	85.1	85.6	85.8	86.2	86.2	86.2	86.2
45.8	72.3	75.5	78.3	80.7	81.7	84.0	86.6	87.1	88.3	89.0	89.2	89.6	89.6	89.7	89.7
46.1	73.0	76.4	79.2	81.8	82.9	85.6	88.4	89.0	90.3	91.1	91.3	91.9	91.9	92.0	92.0
46.1	73.2	76.7	79.5	82.2	83.4	86.2	89.3	90.0	91.4	92.5	92.7	93.4	93.4	93.4	93.4
46.2	73.5	76.9	79.8	82.6	83.9	86.8	90.0	90.7	92.5	93.8	94.0	94.7	94.8	94.9	94.9
46.3	73.6	77.1	80.0	82.8	84.2	87.1	90.4	91.2	93.1	94.5	94.7	95.5	95.6	95.6	95.6
46.3	73.7	77.2	80.1	83.0	84.3	87.2	90.6	91.5	93.6	95.1	95.3	96.4	96.4	96.5	96.5
46.3	73.8	77.3	80.2	83.1	84.4	87.3	90.8	91.8	94.3	95.9	96.1	97.3	97.4	97.5	97.5
46.3	73.8	77.3	80.2	83.1	84.4	87.3	90.9	92.0	94.7	96.8	97.1	98.5	98.5	98.7	98.7
46.3	73.8	77.3	80.2	83.1	84.4	87.3	90.9	92.0	94.8	97.1	97.4	99.1	99.1	99.3	99.3
46.3	73.8	77.3	80.2	83.1	84.4	87.4	90.9	92.1	94.9	97.4	97.7	99.5	99.5	99.7	99.8
46.3	73.8	77.3	80.2	83.1	84.4	87.4	90.9	92.1	94.9	97.4	97.7	99.5	99.5	99.8	99.9
46.3	73.8	77.3	80.2	83.1	84.4	87.4	90.9	92.1	94.9	97.4	97.7	99.5	99.5	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS

4265

1  
2

U.S. AIR FORCE CLIMATE DIVISION  
WAFB  
U.S. WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

73-01 SPANREVOON AFS, AK

73-01

ALL

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

ALL

39.5	35.7	36.1	36.3	36.6	36.7	36.9	37.0	37.1	37.2	37.4	37.4	37.5	37.5	37.5	37.5
31.4	37.9	38.3	38.5	38.8	38.9	39.1	39.3	39.4	39.5	39.6	39.6	39.7	39.7	39.8	39.8
32.7	39.4	39.9	40.1	40.4	40.5	40.7	40.9	41.1	41.1	41.2	41.2	41.3	41.4	41.4	41.4
33.2	40.0	40.4	40.7	40.9	41.0	41.2	41.4	41.5	41.6	41.8	41.8	41.9	41.9	41.9	41.9
33.7	40.6	41.0	41.3	41.5	41.7	41.8	42.0	42.1	42.2	42.4	42.4	42.5	42.5	42.5	42.5
34.3	41.7	42.2	42.4	42.7	42.8	43.0	43.2	43.3	43.4	43.5	43.6	43.7	43.7	43.7	43.7
35.3	42.8	43.2	43.5	43.8	43.9	44.1	44.3	44.4	44.5	44.7	44.7	44.8	44.8	44.8	44.8
37.5	44.9	45.3	45.6	45.9	46.0	46.2	46.4	46.5	46.6	46.8	46.8	46.9	46.9	46.9	46.9
40.5	46.5	46.9	47.3	47.6	47.7	47.9	48.1	48.2	48.3	48.5	48.5	48.6	48.6	48.6	48.6
44.3	48.6	49.1	49.4	49.7	49.8	50.0	50.2	50.3	50.4	50.6	50.6	50.7	50.7	50.7	50.7
46.3	50.6	51.1	51.4	51.7	51.8	52.0	52.2	52.3	52.4	52.6	52.6	52.7	52.7	52.7	52.7
49.2	52.2	52.7	53.0	53.3	53.4	53.6	53.8	53.9	54.0	54.2	54.2	54.3	54.3	54.3	54.3
51.5	54.2	54.7	55.0	55.3	55.4	55.6	55.8	55.9	56.0	56.2	56.2	56.3	56.3	56.3	56.3
53.7	56.2	56.7	57.0	57.3	57.4	57.6	57.8	57.9	58.0	58.2	58.2	58.3	58.3	58.3	58.3
56.2	58.2	58.7	59.0	59.3	59.4	59.6	59.8	59.9	60.0	60.2	60.2	60.3	60.3	60.3	60.3
58.2	60.2	60.7	61.0	61.3	61.4	61.6	61.8	61.9	62.0	62.2	62.2	62.3	62.3	62.3	62.3
60.2	62.2	62.7	63.0	63.3	63.4	63.6	63.8	63.9	64.0	64.2	64.2	64.3	64.3	64.3	64.3
62.6	64.2	64.7	65.0	65.3	65.4	65.6	65.8	65.9	66.0	66.2	66.2	66.3	66.3	66.3	66.3
64.0	66.2	66.7	67.0	67.3	67.4	67.6	67.8	67.9	68.0	68.2	68.2	68.3	68.3	68.3	68.3
66.1	68.2	68.7	69.0	69.3	69.4	69.6	69.8	69.9	70.0	70.2	70.2	70.3	70.3	70.3	70.3
68.1	70.2	70.7	71.0	71.3	71.4	71.6	71.8	71.9	72.0	72.2	72.2	72.3	72.3	72.3	72.3
70.1	72.2	72.7	73.0	73.3	73.4	73.6	73.8	73.9	74.0	74.2	74.2	74.3	74.3	74.3	74.3
72.1	74.2	74.7	75.0	75.3	75.4	75.6	75.8	75.9	76.0	76.2	76.2	76.3	76.3	76.3	76.3
74.1	76.2	76.7	77.0	77.3	77.4	77.6	77.8	77.9	78.0	78.2	78.2	78.3	78.3	78.3	78.3
76.1	78.2	78.7	79.0	79.3	79.4	79.6	79.8	79.9	80.0	80.2	80.2	80.3	80.3	80.3	80.3
78.1	80.2	80.7	81.0	81.3	81.4	81.6	81.8	81.9	82.0	82.2	82.2	82.3	82.3	82.3	82.3
80.1	82.2	82.7	83.0	83.3	83.4	83.6	83.8	83.9	84.0	84.2	84.2	84.3	84.3	84.3	84.3
82.1	84.2	84.7	85.0	85.3	85.4	85.6	85.8	85.9	86.0	86.2	86.2	86.3	86.3	86.3	86.3
84.1	86.2	86.7	87.0	87.3	87.4	87.6	87.8	87.9	88.0	88.2	88.2	88.3	88.3	88.3	88.3
86.1	88.2	88.7	89.0	89.3	89.4	89.6	89.8	89.9	90.0	90.2	90.2	90.3	90.3	90.3	90.3
88.1	90.2	90.7	91.0	91.3	91.4	91.6	91.8	91.9	92.0	92.2	92.2	92.3	92.3	92.3	92.3
90.1	92.2	92.7	93.0	93.3	93.4	93.6	93.8	93.9	94.0	94.2	94.2	94.3	94.3	94.3	94.3
92.1	94.2	94.7	95.0	95.3	95.4	95.6	95.8	95.9	96.0	96.2	96.2	96.3	96.3	96.3	96.3
94.1	96.2	96.7	97.0	97.3	97.4	97.6	97.8	97.9	98.0	98.2	98.2	98.3	98.3	98.3	98.3
96.1	98.2	98.7	99.0	99.3	99.4	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 71985

TOTAL SKY COVER

FOR AIRWAYS STATIONS THE SYMBOLS OF CLEAR, SCATTERED, BROKEN,  
OVERCAST, & OBSCURED WERE USED AS INPUT FOR THE TOTAL SKY COVER.

CLEAR WAS CONVERTED TO 0/10

SCATTERED WAS CONVERTED TO 3/10

BROKEN WAS CONVERTED TO 9/10

OVERCAST WAS CONVERTED TO 10/10

OBSCURED WAS CONVERTED TO 10/10

USAFETAC  
 FORM 84  
 JUL 64

# SKY COVER

USAFETAC FORM 84 JUL 64

77-51

011

STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS	TOTAL HOURS
		0	1	2	3	4	5	6	7	8	9		
JAN	1-5-66	33.3			16.4						17.1	16.6	71.1
	1-6-66	33.3			16.4						17.1	16.6	71.1
	1-7-66	33.3			16.4						17.1	16.6	71.1
	1-8-66	33.3			16.4						17.1	16.6	71.1
	1-9-66	33.3			16.4						17.1	16.6	71.1
	1-10-66	33.3			16.4						17.1	16.6	71.1
	1-11-66	33.3			16.4						17.1	16.6	71.1
	1-12-66	33.3			16.4						17.1	16.6	71.1
	1-13-66	33.3			16.4						17.1	16.6	71.1
	1-14-66	33.3			16.4						17.1	16.6	71.1
	1-15-66	33.3			16.4						17.1	16.6	71.1
	1-16-66	33.3			16.4						17.1	16.6	71.1
	1-17-66	33.3			16.4						17.1	16.6	71.1
	1-18-66	33.3			16.4						17.1	16.6	71.1
	1-19-66	33.3			16.4						17.1	16.6	71.1
	1-20-66	33.3			16.4						17.1	16.6	71.1
	1-21-66	33.3			16.4						17.1	16.6	71.1
	1-22-66	33.3			16.4						17.1	16.6	71.1
	1-23-66	33.3			16.4						17.1	16.6	71.1
	1-24-66	33.3			16.4						17.1	16.6	71.1
	1-25-66	33.3			16.4						17.1	16.6	71.1
	1-26-66	33.3			16.4						17.1	16.6	71.1
	1-27-66	33.3			16.4						17.1	16.6	71.1
	1-28-66	33.3			16.4						17.1	16.6	71.1
	1-29-66	33.3			16.4						17.1	16.6	71.1
	1-30-66	33.3			16.4						17.1	16.6	71.1
	1-31-66	33.3			16.4						17.1	16.6	71.1
TOTALS		24.0			17.6						18.2	41.6	45.5

## SKY COVER

77-81

750

374

• 8 •

611

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MONTH	HOURS LAST	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN CLOUDINESS	TOTAL CLOUDINESS	
		0	1	2	3	4	5	6	7	8	9			10
1-1-31	30.7				14.6						11.7	35.5	5.1	65.4
1-2-5	31.1				15.1						11.3	35.1	5.1	71.1
1-6-5	28.5				11.6						17.4	34.3	5.5	72.1
1-7-11	22.4				21.6						19.2	36.1	4.1	73.0
1-8-14	25.7				15.7						19.4	41.3	5.3	72.4
1-9-17	24.6				17.5						23.4	35.1	1.1	69.4
1-10-21	27.5				15.5						16.1	34.0	5.8	45.5
1-11-23	30.7				11.1						14.5	33.5	5.1	47.1
TOTALS	27.1				17.3						15.3	35.5	5.6	51.5

## SKY COVER

77-01

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57

U.S. ONE NAME

202

✓ " " "

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

[illegible]

## SKY COVER

73-81

202

## Discussion

DATA OF NAME

Page 30

2000

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL PERCENTAGE OF SKY COVER	
		0	1	2	3	4	5	6	7	8	9			10
1954	10-03	20.0			17.5						13.5	40.7	1.8	75.8
	10-15	17.4			17.6						15.1	44.9	5.6	78.0
	10-28	9.1			11.4						21.4	49.0	7.5	70.5
	11-11	8.1			11.5						21.9	48.5	7.4	79.4
	11-14	7.6			12.7						22.5	48.9	7.5	79.5
	12-17	9.5			20.5						22.3	47.3	7.4	73.1
	12-21	15.1			15.7						23.3	41.9	6.9	67.7
	12-23	11.7			21.6						15.6	47.6	6.1	65.3
TOTALS		15.5			19.6						19.9	45.3	5.9	65.8

## SKY COVER

44

1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 2679, 26

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS	% OBS.	
		0	1	2	3	4	5	6	7	8	9			10
MAY	10-22	3.5			26.6						36.7	35.7	7.7	77
	13-25	4.7			23.3						29.9	42.1	7.6	63
	15-28	4.5			22.6						32.3	40.6	7.6	62
	19-11	3.1			18.3						39.4	49.7	8.1	66
	12-14	1.4			12.5						32.5	34.1	8.7	65
	13-17	1.2			10.6						36.5	51.7	8.9	62
	16-20	1.9			15.1						35.5	46.5	9.3	64
	21-23	2.5			23.7						30.1	43.4	7.8	63
TOTALS	3.5				19.2						31.9	45.4	8.7	62.3

## SKY COVER

73-21

22.

**Figure 1**

DATA NAME

962

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[illegible]

## SKY COVER

73-91

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STATISTICS

STATION NAME

048: 12

4. 2. 1.

MONTH	HOURS ILST	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF P.	
		0	1	2	3	4	5	6	7	8	9			10
JUL	7-9	4.5			2.5						21.7	52.9	7.9	771
	13-15	4.1			17.3						22.4	56.3	8.2	794
	18-20	2.2			15.5						25.7	55.7	8.4	821
	19-21	2.0			17.4						27.3	57.1	8.6	806
	11-14	.6			17.0						32.5	54.7	8.7	795
	15-17	.5			20.1						37.4	52.0	8.9	844
	16-2	.2			14.5						26.9	56.4	8.7	429
	11-23	1.9			2.4						26.1	52.7	8.2	475
TOTALS		2.1			15.6						27.7	54.7	8.5	515

## SKY COVER

77-5

STAY IN THE KNOW

1992

1

1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 107. 108. 109. 110. 111. 112. 113. 114. 115. 116. 117. 118. 119. 120. 121. 122. 123. 124. 125. 126. 127. 128. 129. 130. 131. 132. 133. 134. 135. 136. 137. 138. 139. 140. 141. 142. 143. 144. 145. 146. 147. 148. 149. 150. 151. 152. 153. 154. 155. 156. 157. 158. 159. 160. 161. 162. 163. 164. 165. 166. 167. 168. 169. 170. 171. 172. 173. 174. 175. 176. 177. 178. 179. 180. 181. 182. 183. 184. 185. 186. 187. 188. 189. 190. 191. 192. 193. 194. 195. 196. 197. 198. 199. 200. 201. 202. 203. 204. 205. 206. 207. 208. 209. 210. 211. 212. 213. 214. 215. 216. 217. 218. 219. 220. 221. 222. 223. 224. 225. 226. 227. 228. 229. 230. 231. 232. 233. 234. 235. 236. 237. 238. 239. 240. 241. 242. 243. 244. 245. 246. 247. 248. 249. 250. 251. 252. 253. 254. 255. 256. 257. 258. 259. 260. 261. 262. 263. 264. 265. 266. 267. 268. 269. 270. 271. 272. 273. 274. 275. 276. 277. 278. 279. 280. 281. 282. 283. 284. 285. 286. 287. 288. 289. 290. 291. 292. 293. 294. 295. 296. 297. 298. 299. 300. 301. 302. 303. 304. 305. 306. 307. 308. 309. 310. 311. 312. 313. 314. 315. 316. 317. 318. 319. 320. 321. 322. 323. 324. 325. 326. 327. 328. 329. 330. 331. 332. 333. 334. 335. 336. 337. 338. 339. 340. 341. 342. 343. 344. 345. 346. 347. 348. 349. 350. 351. 352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362. 363. 364. 365. 366. 367. 368. 369. 370. 371. 372. 373. 374. 375. 376. 377. 378. 379. 380. 381. 382. 383. 384. 385. 386. 387. 388. 389. 390. 391. 392. 393. 394. 395. 396. 397. 398. 399. 400. 401. 402. 403. 404. 405. 406. 407. 408. 409. 410. 411. 412. 413. 414. 415. 416. 417. 418. 419. 420. 421. 422. 423. 424. 425. 426. 427. 428. 429. 430. 431. 432. 433. 434. 435. 436. 437. 438. 439. 440. 441. 442. 443. 444. 445. 446. 447. 448. 449. 450. 451. 452. 453. 454. 455. 456. 457. 458. 459. 460. 461. 462. 463. 464. 465. 466. 467. 468. 469. 470. 471. 472. 473. 474. 475. 476. 477. 478. 479. 480. 481. 482. 483. 484. 485. 486. 487. 488. 489. 490. 491. 492. 493. 494. 495. 496. 497. 498. 499. 500. 501. 502. 503. 504. 505. 506. 507. 508. 509. 510. 511. 512. 513. 514. 515. 516. 517. 518. 519. 520. 521. 522. 523. 524. 525. 526. 527. 528. 529. 530. 531. 532. 533. 534. 535. 536. 537. 538. 539. 540. 541. 542. 543. 544. 545. 546. 547. 548. 549. 550. 551. 552. 553. 554. 555. 556. 557. 558. 559. 560. 561. 562. 563. 564. 565. 566. 567. 568. 569. 570. 571. 572. 573. 574. 575. 576. 577. 578. 579. 580. 581. 582. 583. 584. 585. 586. 587. 588. 589. 590. 591. 592. 593. 594. 595. 596. 597. 598. 599. 600. 601. 602. 603. 604. 605. 606. 607. 608. 609. 610. 611. 612. 613. 614. 615. 616. 617. 618. 619. 620. 621. 622. 623. 624. 625. 626. 627. 628. 629. 630. 631. 632. 633. 634. 635. 636. 637. 638. 639. 640. 641. 642. 643. 644. 645. 646. 647. 648. 649. 650. 651. 652. 653. 654. 655. 656. 657. 658. 659. 660. 661. 662. 663. 664. 665. 666. 667. 668. 669. 670. 671. 672. 673. 674. 675. 676. 677. 678. 679. 680. 681. 682. 683. 684. 685. 686. 687. 688. 689. 690. 691. 692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 706. 707. 708. 709. 710. 711. 712. 713. 714. 715. 716. 717. 718. 719. 720. 721. 722. 723. 724. 725. 726. 727. 728. 729. 730. 731. 732. 733. 734. 735. 736. 737. 738. 739. 740. 741. 742. 743. 744. 745. 746. 747. 748. 749. 750. 751. 752. 753. 754. 755. 756. 757. 758. 759. 760. 761. 762. 763. 764. 765. 766. 767. 768. 769. 770. 771. 772. 773. 774. 775. 776. 777. 778. 779. 780. 781. 782. 783. 784. 785. 786. 787. 788. 789. 790. 791. 792. 793. 794. 795. 796. 797. 798. 799. 800. 801. 802. 803. 804. 805. 806. 807. 808. 809. 810. 811. 812. 813. 814. 815. 816. 817. 818. 819. 820. 821. 822. 823. 824. 825. 826. 827. 828. 829. 830. 831. 832. 833. 834. 835. 836. 837. 838. 839. 840. 84

| MONTH  | HOURS<br>EST | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER |   |   |       |   |   |   |   |      |      | MEAN<br>TENTHS<br>PER DAY | TOTAL<br>TENTHS<br>PER MONTH |    |
|--------|--------------|---|---|---|-------|---|---|---|---|------|------|---------------------------|------------------------------|----|
|        |              | 0   | 1 | 2 | 3     | 4 | 5 | 6 | 7 | 8    | 9    |                           |                              | 10 |
| AUG.   | 01-07        | 11.0  |   |   | 21.0  |   |   |   |   |      | 21.0 | 45.0                      | 7.0                          | 75 |
|        | 08-14        | 6.0   |   |   | 16.0  |   |   |   |   | 24.0 | 47.0 | 7.5                       | 87                           |    |
|        | 15-21        | 4.0   |   |   | 15.0  |   |   |   |   | 28.0 | 48.0 | 7.9                       | 91                           |    |
|        | 22-28        | 4.7   |   |   | 17.7  |   |   |   |   | 31.0 | 46.0 | 8.0                       | 97                           |    |
|        | 29-31        | 2.1   |   |   | 13.4  |   |   |   |   | 29.0 | 47.5 | 8.0                       | 91                           |    |
|        | 01-17        | 2.1   |   |   | 16.3  |   |   |   |   | 34.0 | 47.5 | 8.3                       | 93                           |    |
|        | 18-24        | 1.0   |   |   | 15.4  |   |   |   |   | 38.7 | 41.7 | 8.1                       | 92                           |    |
|        | 25-31        | 5.6   |   |   | 19.7  |   |   |   |   | 30.9 | 42.3 | 7.7                       | 97                           |    |
| TOTALS |              | 20.5  |   |   | 130.5 |   |   |   |   | 29.6 | 45.2 | 7.9                       | 89                           |    |

## SKY COVER

73-24

59A-24

| STAFF ID | NAME              |
|----------|-------------------|
| 1        | John Doe          |
| 2        | Jane Smith        |
| 3        | Bob Johnson       |
| 4        | Alice Brown       |
| 5        | Charlie Davis     |
| 6        | Eve White         |
| 7        | Frank Green       |
| 8        | Grace Black       |
| 9        | Henry Blue        |
| 10       | Ivy Red           |
| 11       | Jack Purple       |
| 12       | Karen Yellow      |
| 13       | Leo Orange        |
| 14       | Mia Silver        |
| 15       | Noah Gold         |
| 16       | Olivia Bronze     |
| 17       | Peter Platinum    |
| 18       | Quinn Diamond     |
| 19       | Rachel Ruby       |
| 20       | Sam Sapphire      |
| 21       | Tina Emerald      |
| 22       | Uma Amethyst      |
| 23       | Victor Opal       |
| 24       | Wendy Garnet      |
| 25       | Xavier Topaz      |
| 26       | Yara Malachite    |
| 27       | Zoe Peridot       |
| 28       | Adam Jade         |
| 29       | Bella Onyx        |
| 30       | Chris Obsidian    |
| 31       | Diana Quartz      |
| 32       | Edward Sapphire   |
| 33       | Fiona Ruby        |
| 34       | George Emerald    |
| 35       | Hannah Amethyst   |
| 36       | Ian Opal          |
| 37       | Jessica Garnet    |
| 38       | Kevin Topaz       |
| 39       | Laura Malachite   |
| 40       | Michael Peridot   |
| 41       | Nancy Jade        |
| 42       | Oscar Onyx        |
| 43       | Pamela Obsidian   |
| 44       | Ronald Quartz     |
| 45       | Sarah Sapphire    |
| 46       | Thomas Ruby       |
| 47       | Uma Emerald       |
| 48       | Victor Amethyst   |
| 49       | Wendy Opal        |
| 50       | Xavier Garnet     |
| 51       | Yara Topaz        |
| 52       | Zoe Malachite     |
| 53       | Adam Peridot      |
| 54       | Bella Jade        |
| 55       | Chris Onyx        |
| 56       | Diana Obsidian    |
| 57       | Edward Quartz     |
| 58       | Fiona Sapphire    |
| 59       | George Ruby       |
| 60       | Hannah Emerald    |
| 61       | Ian Amethyst      |
| 62       | Jessica Opal      |
| 63       | Kevin Garnet      |
| 64       | Laura Topaz       |
| 65       | Michael Malachite |
| 66       | Nancy Peridot     |
| 67       | Oscar Jade        |
| 68       | Pamela Onyx       |
| 69       | Ronald Obsidian   |
| 70       | Sarah Quartz      |
| 71       | Thomas Sapphire   |
| 72       | Uma Ruby          |
| 73       | Victor Emerald    |
| 74       | Wendy Amethyst    |
| 75       | Xavier Opal       |
| 76       | Yara Garnet       |
| 77       | Zoe Topaz         |
| 78       | Adam Malachite    |
| 79       | Bella Peridot     |
| 80       | Chris Jade        |
| 81       | Diana Onyx        |
| 82       | Edward Obsidian   |
| 83       | Fiona Quartz      |
| 84       | George Sapphire   |
| 85       | Hannah Ruby       |
| 86       | Ian Emerald       |
| 87       | Jessica Amethyst  |
| 88       | Kevin Opal        |
| 89       | Laura Garnet      |
| 90       | Michael Topaz     |
| 91       | Nancy Malachite   |
| 92       | Oscar Peridot     |
| 93       | Pamela Jade       |
| 94       | Ronald Onyx       |
| 95       | Sarah Obsidian    |
| 96       | Thomas Quartz     |
| 97       | Uma Sapphire      |
| 98       | Victor Ruby       |
| 99       | Wendy Emerald     |
| 100      | Xavier Amethyst   |

966

2. 2. 2.

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

[illegible]

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAO

# SKY COVER

7 030 SPAREVON AFS AR

73-81

507

DATE

STATION NAME

PER

WIND

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

| MONTH  | HOURS<br>LAST | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER |   |   |      |   |   |   |   |   |   | TOTAL<br>PERCENTAGE |      |
|--------|---------------|---|---|---|------|---|---|---|---|---|---|---------------------|------|
|        |               | 0   | 1 | 2 | 3    | 4 | 5 | 6 | 7 | 8 | 9 | 10                  | 11   |
| JUL    | 01-04         | 11.5  |   |   | 17.3 |   |   |   |   |   |   | 14.7                | 17.3 |
|        | 05-08         | 14.3  |   |   | 14.1 |   |   |   |   |   |   | 17.2                | 17.8 |
|        | 09-12         | 5.8   |   |   | 14.5 |   |   |   |   |   |   | 17.4                | 17.1 |
|        | 13-16         | 4.7   |   |   | 13.4 |   |   |   |   |   |   | 17.0                | 16.5 |
|        | 17-20         | 3.7   |   |   | 17.1 |   |   |   |   |   |   | 17.5                | 17.1 |
|        | 21-24         | 4.5   |   |   | 13.9 |   |   |   |   |   |   | 14.3                | 17.4 |
|        | 25-28         | 3.3   |   |   | 17.5 |   |   |   |   |   |   | 15.1                | 17.6 |
|        | 29-31         | 5.5   |   |   | 17.7 |   |   |   |   |   |   | 14.3                | 15.5 |
| TOTALS |               | 7.5   |   |   | 14.6 |   |   |   |   |   |   | 15.1                | 17.7 |

USAFETAC

FORM  
JUL 64 0 9 5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## SKY COVER

40

| MONTH | HOURS<br>LST | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER |   |   |      |   |   |   |   |      |      | MEAN<br>TENTHS | TOTAL<br>NO. OF<br>OBS. |
|-------|--------------|---|---|---|------|---|---|---|---|------|------|----------------|-------------------------|
|       |              | 0   | 1 | 2 | 3    | 4 | 5 | 6 | 7 | 8    | 9    |                |                         |
| 10-10 | 11.7         |   |   |   | 18.7 |   |   |   |   | 16.7 | 48.6 | 5.9            | 77                      |
| 10-11 | 11.7         |   |   |   | 17.3 |   |   |   |   | 15.0 | 47.7 | 5.6            | 75                      |
| 10-12 | 11.7         |   |   |   | 16.6 |   |   |   |   | 13.1 | 44.4 | 5.1            | 77                      |
| 10-11 | 11.7         |   |   |   | 16.3 |   |   |   |   | 23.5 | 46.5 | 7.3            | 79                      |
| 10-14 | 11.7         |   |   |   | 11.7 |   |   |   |   | 12.4 | 47.5 | 7.4            | 79                      |
| 10-17 | 11.1         |   |   |   | 16.7 |   |   |   |   | 14.7 | 49.3 | 7.7            | 78                      |
| 10-21 | 10.6         |   |   |   | 11.7 |   |   |   |   | 17.2 | 54.7 | 7.4            | 87                      |
| 10-27 | 14.6         |   |   |   | 16.6 |   |   |   |   | 15.4 | 51.1 | 7.1            | 82                      |
| TOTAL | 14.4         |   |   |   | 17.0 |   |   |   |   | 19.1 | 46.6 | 7.1            | 854                     |

UAFETAC 1000 2000 01 A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY ANCH  
 USAFETAC  
 AIR WEATHER SERVICE/AL

# SKY COVER

STATION SPANGLER, AK 48

77-81

STATION

STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE  
 FROM HOURLY OBSERVATIONS

| MONTH  | HOURS<br>EST | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER |   |   |      |   |   |   |   |   |      | TOTAL |     |
|--------|--------------|---|---|---|------|---|---|---|---|---|------|-------|-----|
|        |              | 0   | 1 | 2 | 3    | 4 | 5 | 6 | 7 | 8 | 9    | 10    | 11  |
| JAN    | 1-1          | 5.0   |   |   | 10.7 |   |   |   |   |   | 17.7 | 43.7  | 1.7 |
|        | 1-5          | 19.0  |   |   | 17.8 |   |   |   |   |   | 17.8 | 43.6  | 1.9 |
|        | 6-10         | 27.2  |   |   | 16.2 |   |   |   |   |   | 17.7 | 42.0  | 1.8 |
|        | 11-15        | 17.8  |   |   | 11.7 |   |   |   |   |   | 2.7  | 44.7  | 4.8 |
|        | 16-20        | 16.0  |   |   | 17.4 |   |   |   |   |   | 11.1 | 48.0  | 7.7 |
|        | 21-25        | 16.5  |   |   | 16.8 |   |   |   |   |   | 16.5 | 43.2  | 7.0 |
|        | 26-30        | 14.7  |   |   | 11.4 |   |   |   |   |   | 10.0 | 47.8  | 6.7 |
|        | 31-31        | 5.0   |   |   | 11.7 |   |   |   |   |   | 17.7 | 45.7  | 6.1 |
| TOTALS | 24.7         |   |   |   | 14.7 |   |   |   |   |   | 10.6 | 45.9  | 6.4 |

1. NAME OF STATION (Full Name)  
 2. LOCATION (City, State, Country)  
 3. DATE OF OBSERVATION

# SKY COVER

4. NAME OF OBSERVER

5. TIME

6. DATE

## PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

| MONTH  | HOURS<br>OBS. | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER |   |   |      |   |   |   |   |   |      | TOTAL<br>PERCENTAGE | TOTAL<br>HOURS |
|--------|---------------|---|---|---|------|---|---|---|---|---|------|---------------------|----------------|
|        |               | 0   | 1 | 2 | 3    | 4 | 5 | 6 | 7 | 8 | 9    |                     |                |
| JAN    | ALL           | 14.7  |   |   | 17.6 |   |   |   |   |   | 1.0  | 41.7                | 1.1            |
| FEB    |               | 1.1   |   |   | 17.6 |   |   |   |   |   | 10.0 | 28.7                | 7.1            |
| MAR    |               | 17.6  |   |   | 14.6 |   |   |   |   |   | 11.0 | 43.2                | 1.9            |
| APR    |               | 11.7  |   |   | 17.6 |   |   |   |   |   | 10.0 | 49.3                | 1.9            |
| MAY    |               | 10.0  |   |   | 11.7 |   |   |   |   |   | 11.0 | 45.0                | 7.1            |
| JUN    |               | 1.1   |   |   | 16.6 |   |   |   |   |   | 11.0 | 40.8                | 7.1            |
| JUL    |               | 1.0   |   |   | 1.6  |   |   |   |   |   | 17.7 | 24.7                | 1.1            |
| AUG    |               | 1.0   |   |   | 11.5 |   |   |   |   |   | 19.3 | 45.0                | 7.9            |
| SEP    |               | 1.0   |   |   | 11.6 |   |   |   |   |   | 19.4 | 31.7                | 1.1            |
| OCT    |               | 7.1   |   |   | 14.6 |   |   |   |   |   | 19.1 | 39.9                | 1.1            |
| NOV    |               | 14.4  |   |   | 17.6 |   |   |   |   |   | 19.7 | 48.5                | 7.1            |
| DEC    |               | 24.2  |   |   | 14.3 |   |   |   |   |   | 15.6 | 45.0                | 1.4            |
| TOTALS |               | 11.7  |   |   | 17.1 |   |   |   |   |   | 22.5 | 47.7                | 7.3            |

IR FORCE  
TAL TECHNICAL  
IONS CENTER

## E PSYCHROMETRIC SUMMARIES

Section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentations follows:

Relative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to date of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviations, and number of observations in three separate tables as follows:

daily maximum temperatures  
daily minimum temperatures  
daily mean temperatures

Beginning in January 1964, daily maximum and minimum temperatures are routinely selected from daily observations recorded on surface observing forms or from automated data collections for all force operated stations. For those stations observing less than 24 hours per day, and where maximum and minimum temperatures are required but not recorded, these are also selected from hourly data as early as January 1949 and later. Please refer to notations on summary pages and Station History for further information on reporting practices of individual stations.

Extreme values - derived from daily observations with the extreme value selected for each year and month of data available. An annual (ALL MONTHS) value is selected when all months for a year have valid extremes. Standard deviations are computed for months and annual when four or more values are present for a column. Two tables of daily extremes are prepared:

extreme maximum temperature  
extreme minimum temperature

The following symbols are used in the extreme data blocks:

- ) \* indicates the extreme was selected from a month with one or more days missing.
- ) # indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

Means and standard deviations do not include measurements for months.

Continued on Reverse

3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The following information is provided:

a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature spread vertically. Also provided for each of the dry-bulb intervals is the percentage of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may be continued on several pages.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares ( $\sum X^2$ ), sums of values ( $\sum X$ ), means ( $\bar{X}$ ), and standard deviations ( $\sigma_x$ ). The number of observations used in the computation for each element is also shown.

c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the Annual summary, or mean number of hours per month in the tabulation by month.

NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, and DEW-POINT TEMPERATURE.

5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.

a. Table 1 is prepared by month and Annual, all years combined, with month being the vertical argument.

b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

The dew point and wet bulb data in this section should be viewed with caution. When the dry bulb temperature was below -35°F dew points were not transmitted (FMH-1B). As a result, during the colder months the mean dew points are actually lower than indicated. Since wet bulb temperatures are calculated from the dew points, they are also biased toward higher values.

CENTRAL CLIMATOLOGY BRANCH  
 USAFETAC  
 WEATHER SERVICE/MAC  
 3000 SPAREVON AFS AK  
 STATION NAME

# DAILY TEMPERATURES

53-57, 63-91

YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
 FROM DAILY OBSERVATIONS

MAXIMUM

| TEMP °F   | JAN    | FEB    | MAR    | APR   | MAY   | JUN   | JUL   | AUG   | SEP   | OCT    | NOV    | DEC   | ANNUAL |
|-----------|--------|--------|--------|-------|-------|-------|-------|-------|-------|--------|--------|-------|--------|
| 70        |        |        |        |       |       | 1.1   | 1.0   | .5    |       |        |        |       | .6     |
| 75        |        |        |        |       | .1    | 2.7   | 6.3   | 1.3   |       |        |        |       | .6     |
| 80        |        |        |        |       | .8    | 8.7   | 14.3  | 5.7   |       |        |        |       | 1.0    |
| 85        |        |        |        |       | 3.5   | 21.0  | 30.4  | 18.1  | 1.0   |        |        |       | 5.0    |
| 90        |        |        |        | .3    | 5.4   | 41.6  | 50.6  | 37.6  | 5.5   | .3     |        |       | 17.2   |
| 95        |        |        |        | 1.5   | 19.4  | 61.8  | 76.1  | 66.5  | 19.8  | .8     |        |       | 27.8   |
| 100       |        |        |        | 4.2   | 42.1  | 81.5  | 94.4  | 88.5  | 45.3  | 3.7    |        |       | 30.0   |
| 105       | .2     | .9     | 2.2    | 10.8  | 65.4  | 90.9  | 99.5  | 98.7  | 58.5  | 10.4   | .8     | .2    | 38.0   |
| 110       | 4.8    | 3.7    | 6.7    | 28.0  | 84.7  | 99.4  | 100.0 | 99.8  | 85.5  | 28.3   | 7.5    | 3.0   | 47.3   |
| 115       | 19.1   | 15.3   | 21.3   | 51.3  | 94.1  | 100.0 |       | 100.0 | 75.5  | 44.6   | 20.7   | 9.6   | 57.8   |
| 120       | 35.4   | 30.0   | 42.2   | 74.0  | 97.8  |       |       |       | 98.7  | 61.4   | 41.1   | 24.4  | 65.0   |
| 125       | 46.7   | 43.7   | 59.0   | 85.3  | 99.3  |       |       |       | 99.8  | 75.4   | 54.6   | 35.2  | 75.5   |
| 130       | 59.1   | 52.1   | 69.6   | 91.6  | 99.9  |       |       |       | 100.0 | 87.2   | 63.6   | 47.2  | 81.9   |
| 135       | 65.9   | 55.1   | 76.6   | 96.6  |       |       |       |       |       | 93.5   | 73.0   | 55.5  | 85.7   |
| 140       | 72.3   | 64.6   | 81.8   | 98.7  | 100.0 |       |       |       |       | 97.1   | 81.1   | 61.8  | 88.9   |
| 145       | 77.1   | 71.8   | 86.7   | 99.3  |       |       |       |       |       | 98.8   | 89.4   | 66.7  | 91.5   |
| 150       | 80.2   | 76.5   | 91.2   | 99.6  |       |       |       |       |       | 99.5   | 92.0   | 72.9  | 93.1   |
| 155       | 85.3   | 83.7   | 93.8   | 100.0 |       |       |       |       |       | 100.0  | 95.4   | 78.9  | 95.2   |
| 160       | 88.8   | 90.0   | 96.5   |       |       |       |       |       |       |        | 97.7   | 85.1  | 96.7   |
| 165       | 91.7   | 94.4   | 97.9   |       |       |       |       |       |       |        | 98.9   | 92.1  | 98.1   |
| 170       | 94.7   | 97.6   | 99.7   |       |       |       |       |       |       |        | 99.7   | 95.1  | 99.1   |
| 175       | 98.2   | 98.5   | 100.0  |       |       |       |       |       |       |        | 100.0  | 96.6  | 99.7   |
| 180       | 99.6   | 99.6   |        |       |       |       |       |       |       |        |        | 99.7  | 99.9   |
| 185       | 99.8   | 99.8   |        |       |       |       |       |       |       |        |        |       | 99.9   |
| 190       | 100.0  | 100.0  |        |       |       |       |       |       |       |        |        | 100.0 | 100.0  |
| MEAN      | 19.1   | 16.0   | 23.2   | 34.0  | 47.7  | 57.5  | 65.6  | 57.8  | 48.0  | 31.9   | 22.7   | 13.4  | 35.9   |
| TOTAL OBS | 18.772 | 18.270 | 14.629 | 9.614 | 8.669 | 8.395 | 7.891 | 7.065 | 7.651 | 10.950 | 14.044 | 8.454 | 20.56  |
| TOTAL OBS | 545    | 536    | 625    | 668   | 717   | 620   | 622   | 636   | 522   | 543    | 615    | 591   | 7440   |

CENTRAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC  
70000 SPAREVLOHN AFS AK  
STATION NAME

# DAILY TEMPERATURES

53-58, 63-61

YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM DAILY OBSERVATIONS

MINIMUM

| TEMP °F   | JAN   | FEB   | MAR   | APR   | MAY   | JUN   | JUL   | AUG   | SEP   | OCT   | NOV   | DEC   | ANNUAL |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 65        |       |       |       |       | .1    | 3.1   | 4.1   | .6    |       |       |       |       | .4     |
| 60        |       |       |       |       | 1.0   | 13.1  | 33.1  | 28.6  | 1.8   |       |       |       | 5.0    |
| 55        |       |       |       | .1    | 4.0   | 38.9  | 75.4  | 69.0  | 18.4  | .5    |       |       | 17.4   |
| 50        |       | .4    | .5    | .7    | 18.3  | 76.8  | 97.1  | 93.7  | 45.3  | 3.6   |       |       | 25.1   |
| 45        | 1.3   | 1.1   | 2.1   | 5.2   | 51.7  | 96.1  | 99.6  | 98.4  | 71.2  | 13.8  | 2.4   | .7    | 37.8   |
| 40        | 3.7   | 2.4   | 3.1   | 11.4  | 67.9  | 98.2  | 100.0 | 99.5  | 76.5  | 19.8  | 5.0   | 1.7   | 41.8   |
| 35        | 11.3  | 8.2   | 8.2   | 25.8  | 82.4  | 99.8  |       | 100.0 | 86.3  | 29.2  | 10.9  | 4.7   | 48.8   |
| 30        | 20.6  | 15.9  | 21.9  | 47.8  | 93.9  | 100.0 |       |       | 96.3  | 47.6  | 21.2  | 12.2  | 57.8   |
| 25        | 29.8  | 24.4  | 37.1  | 65.3  | 97.6  |       |       |       | 99.7  | 62.4  | 30.8  | 20.6  | 65.4   |
| 20        | 43.4  | 32.1  | 50.8  | 76.4  | 99.1  |       |       |       | 100.0 | 77.1  | 41.5  | 28.3  | 72.0   |
| 15        | 49.1  | 39.6  | 61.2  | 85.0  | 99.4  |       |       |       |       | 97.1  | 54.8  | 35.0  | 77.2   |
| 10        | 56.6  | 48.3  | 68.3  | 92.6  | 99.9  |       |       |       |       | 94.1  | 65.9  | 40.6  | 81.7   |
| 5         | 62.9  | 55.2  | 75.5  | 96.9  | 100.0 |       |       |       |       | 97.5  | 77.1  | 50.1  | 85.8   |
| 0         | 67.6  | 62.1  | 82.9  | 99.0  |       |       |       |       |       | 98.9  | 84.9  | 55.2  | 88.8   |
| -5        | 71.7  | 72.2  | 87.9  | 99.3  |       |       |       |       |       | 99.5  | 91.5  | 63.5  | 91.8   |
| -10       | 79.4  | 77.2  | 91.9  | 99.9  |       |       |       |       |       | 100.0 | 95.1  | 76.6  | 93.9   |
| -15       | 85.1  | 86.0  | 94.9  | 100.0 |       |       |       |       |       |       | 97.9  | 83.2  | 96.1   |
| -20       | 99.5  | 93.5  | 98.3  |       |       |       |       |       |       |       | 99.2  | 91.9  | 97.9   |
| -25       | 95.8  | 97.0  | 99.4  |       |       |       |       |       |       |       | 99.6  | 97.1  | 99.4   |
| -30       | 99.1  | 99.1  | 99.8  |       |       |       |       |       |       |       | 100.0 | 98.8  | 99.8   |
| -35       | 99.6  | 100.0 | 100.0 |       |       |       |       |       |       |       |       | 99.3  | 99.9   |
| -40       | 100.0 |       |       |       |       |       |       |       |       |       |       | 99.7  | 100.0  |
| -45       |       |       |       |       |       |       |       |       |       |       |       | 100.0 | 100.0  |
| -50       |       |       |       |       |       |       |       |       |       |       |       |       |        |
| MEAN      | 5.0   | 2.5   | 11.0  | 21.7  | 34.3  | 43.3  | 47.6  | 46.6  | 37.8  | 22.5  | 1.6   | -0.2  | 23.8   |
| TOTAL OBS | 544   | 536   | 644   | 678   | 717   | 620   | 622   | 636   | 522   | 543   | 624   | 501   | 7477   |

CLIMATE CLIMATOLOGY BRANCH  
 USAFETAC  
 WEATHER SERVICE/MAC  
 SPARREVOHN AFS AK  
 STATION NAME

53-54, 63-81

YEARS

## DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM DAILY OBSERVATIONS)

MEAN

| TEMP. °F  | JAN    | FEB    | MAR    | APR   | MAY   | JUN   | JUL   | AUG   | SEP   | OCT   | NOV   | DEC    | ANNUAL |
|-----------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|
| 75        |        |        |        |       |       | .5    | 1.0   | .3    |       |       |       |        | .5     |
| 65        |        |        |        |       | .1    | 2.6   | 6.8   | 2.4   |       |       |       |        | 2.0    |
| 60        |        |        |        |       | .7    | 10.6  | 18.0  | 9.6   | .6    |       |       |        | 3.3    |
| 55        |        |        |        |       | 3.6   | 26.8  | 45.8  | 34.3  | 2.7   |       |       |        | 7.0    |
| 50        |        |        |        | .4    | 10.7  | 53.7  | 79.7  | 62.5  | 18.2  | .5    |       |        | 12.7   |
| 45        |        |        | .3     | 2.5   | 31.1  | 82.9  | 97.1  | 90.7  | 45.3  | 3.4   |       |        | 20.1   |
| 40        | .2     | .9     | 1.8    | 7.6   | 62.2  | 97.7  | 100.0 | 98.9  | 73.2  | 12.6  | 1.6   | .2     | 32.2   |
| 35        | 6.8    | 5.8    | 7.8    | 27.1  | 94.7  | 99.8  |       | 100.0 | 97.1  | 27.7  | 8.5   | 2.9    | 45.0   |
| 30        | 20.2   | 16.0   | 21.6   | 51.2  | 94.7  | 100.0 |       |       | 96.6  | 45.9  | 19.8  | 10.3   | 57.7   |
| 25        | 32.2   | 24.8   | 39.0   | 70.4  | 97.8  |       |       |       | 99.8  | 61.6  | 34.0  | 22.0   | 65.6   |
| 20        | 45.6   | 36.2   | 54.6   | 82.5  | 99.3  |       |       |       | 100.0 | 77.3  | 47.8  | 31.1   | 74.1   |
| 15        | 55.1   | 46.1   | 65.6   | 89.5  | 99.9  |       |       |       |       | 96.2  | 61.6  | 40.2   | 80.2   |
| 10        | 60.5   | 55.2   | 73.3   | 95.4  |       |       |       |       |       | 94.6  | 71.7  | 48.2   | 84.3   |
| 5         | 66.9   | 60.6   | 79.8   | 98.7  | 100.0 |       |       |       |       | 97.4  | 80.8  | 56.2   | 87.6   |
| 0         | 72.8   | 66.8   | 84.3   | 99.3  |       |       |       |       |       | 98.9  | 87.5  | 62.4   | 90.1   |
| -5        | 77.6   | 75.2   | 90.1   | 99.4  |       |       |       |       |       | 99.7  | 91.4  | 69.5   | 92.3   |
| -10       | 82.5   | 80.4   | 93.1   | 100.0 |       |       |       |       |       | 100.0 | 95.8  | 79.0   | 94.7   |
| -15       | 87.9   | 88.2   | 95.8   |       |       |       |       |       |       |       | 98.0  | 84.8   | 96.5   |
| -20       | 90.4   | 94.2   | 98.1   |       |       |       |       |       |       |       | 99.0  | 92.4   | 98.0   |
| -25       | 95.0   | 97.0   | 99.7   |       |       |       |       |       |       |       | 99.6  | 95.8   | 99.0   |
| -30       | 98.9   | 98.9   | 100.0  |       |       |       |       |       |       |       | 100.0 | 99.3   | 99.6   |
| -35       | 99.6   | 99.8   |        |       |       |       |       |       |       |       |       | 99.7   | 99.9   |
| -40       | 100.0  | 100.0  |        |       |       |       |       |       |       |       |       |        | 100.0  |
| -45       |        |        |        |       |       |       |       |       |       |       |       | 100.0  | 100.0  |
| MEAN      | 11.7   | 9.4    | 17.2   | 28.2  | 41.3  | 55.7  | 54.4  | 52.4  | 43.1  | 27.4  | 16.9  | 6.7    | 35.5   |
| S.D.      | 19.349 | 18.471 | 15.264 | 9.647 | 7.363 | 6.569 | 5.987 | 5.769 | 6.934 | 5.672 | 4.033 | 16.401 | 20.917 |
| TOTAL OBS | 544    | 536    | 625    | 668   | 717   | 623   | 622   | 636   | 622   | 543   | 615   | 591    | 7439   |







GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

702350 SPARREVOHN AFS AK  
STATION STATION NAME

73-81

YEARS

JAN

PAGE 2 0000-0200

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | TOTAL |     | TOTAL |     |
|--------------|-------------------------------------|------|------|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|-----|-------|-----|
|              | 0                                   | 1-2  | 3-4  | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | DB. | WB. | DB. | WB. | DB. | WB. | DB. | WB. | DB. | WB. | DB. | WB. | DB. | WB. | DB. | WB. | DB.   | WB. | DB.   | WB. |
| -26/-27      | 1.7                                 |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |    | 12  | 14  | 12  | 6   |     |     |     |     |     |     |     |     |     |     |     |     |       |     |       |     |
| -28/-29      | 1.5                                 |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |    | 11  | 12  | 11  | 5   |     |     |     |     |     |     |     |     |     |     |     |     |       |     |       |     |
| -30/-31      | .4                                  |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |    | 3   | 4   | 3   | 12  |     |     |     |     |     |     |     |     |     |     |     |     |       |     |       |     |
| -32/-33      |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |    |     |     | 2   |     | 4   |     |     |     |     |     |     |     |     |     |     |     |       |     |       |     |
| -34/-35      |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |    |     |     | 1   |     | 3   |     |     |     |     |     |     |     |     |     |     |     |       |     |       |     |
| -36/-37      |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |    |     |     | 2   |     | 5   |     |     |     |     |     |     |     |     |     |     |     |       |     |       |     |
| -38/-39      |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |    |     |     |     |     | 4   |     |     |     |     |     |     |     |     |     |     |     |       |     |       |     |
| -40/-41      |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |    |     |     |     |     |     | 8   |     |     |     |     |     |     |     |     |     |     |       |     |       |     |
| -42/-43      |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |    |     |     | 1   |     | 4   |     |     |     |     |     |     |     |     |     |     |     |       |     |       |     |
| -44/-45      |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |    |     |     | 2   |     | 5   |     |     |     |     |     |     |     |     |     |     |     |       |     |       |     |
| -46/-47      |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |    |     |     |     |     | 3   |     |     |     |     |     |     |     |     |     |     |     |       |     |       |     |
| -48/-49      |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |    |     |     |     |     |     | 2   |     |     |     |     |     |     |     |     |     |     |       |     |       |     |
| -50/-51      |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |    |     |     |     |     |     | 3   |     |     |     |     |     |     |     |     |     |     |       |     |       |     |
| -52/-53      |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |    |     |     |     |     |     |     | 1   |     |     |     |     |     |     |     |     |     |       |     |       |     |
| -54/-55      |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |    |     |     |     |     |     |     |     | 1   |     |     |     |     |     |     |     |     |       |     |       |     |
| TOTAL        | 32.6                                | 37.1 | 19.1 | 8.9 | 1.8 | .4   |       |       |       |       |       |       |       |       |       |       |    | 711 | 727 | 711 | 711 |     |     |     |     |     |     |     |     |     |     |     |     |       |     |       |     |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{x}$ | $s^2$  | No. Obs. | Mean No. of Hours with Temperature |        |        |        |        |        | Total |
|-------------|--------------|------------|-----------|--------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
| Rel. Hum.   | 3753615      | 50343      | 70.8      | 16.291 | 711      | ± 0 F                              | ± 32 F | ± 67 F | ± 73 F | ± 80 F | ± 93 F |       |
| Dry Bulb    | 487426       | 12276      | 16.9      | 19.643 | 727      | 18.3                               | 75.0   |        |        |        |        | 93    |
| Wet Bulb    | 397280       | 11516      | 16.2      | 17.229 | 711      | 17.3                               | 85.4   |        |        |        |        | 93    |
| Dew Point   | 346380       | 6854       | 9.6       | 19.870 | 711      | 23.0                               | 92.2   |        |        |        |        | 93    |

## PSYCHROMETRIC SUMMARY

75-61

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[illegible]

USAFETAC FORM 0 26.3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71





## PSYCHROMETRIC SUMMARY

73-51

JAN

PAGE 2 0000-0840

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |      |      |          |          |           |      |      |          |          |           |  |  |  |  | TOTAL |  |  |  |  | TOTAL |  |  |  |  |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|------|------|----------|----------|-----------|------|------|----------|----------|-----------|--|--|--|--|-------|--|--|--|--|-------|--|--|--|--|
|              | 0                                   | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | D.B. | W.B. | Dry Bulb | Wet Bulb | Dew Point | D.B. | W.B. | Dry Bulb | Wet Bulb | Dew Point |  |  |  |  |       |  |  |  |  |       |  |  |  |  |
| -17/-27      | 1.5                                 |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    | 12   | 12   |          |          |           | 12   | 12   |          |          |           |  |  |  |  |       |  |  |  |  |       |  |  |  |  |
| -2/-29       | 1.2                                 |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    | 15   | 15   |          |          |           | 15   | 15   |          |          |           |  |  |  |  |       |  |  |  |  |       |  |  |  |  |
| -7/-31       | 1.5                                 |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    | 12   | 14   |          |          |           | 12   | 14   |          |          |           |  |  |  |  |       |  |  |  |  |       |  |  |  |  |
| -17/-33      | .9                                  |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    | 7    | 12   |          |          |           | 7    | 12   |          |          |           |  |  |  |  |       |  |  |  |  |       |  |  |  |  |
| -24/-35      | .4                                  |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    | 3    | 5    |          |          |           | 3    | 5    |          |          |           |  |  |  |  |       |  |  |  |  |       |  |  |  |  |
| -25/-37      |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |      |      |          |          |           |      |      |          |          |           |  |  |  |  |       |  |  |  |  |       |  |  |  |  |
| -25/-39      |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |      |      |          |          |           |      |      |          |          |           |  |  |  |  |       |  |  |  |  |       |  |  |  |  |
| -37/-41      |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |      |      |          |          |           |      |      |          |          |           |  |  |  |  |       |  |  |  |  |       |  |  |  |  |
| -42/-43      |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |      |      |          |          |           |      |      |          |          |           |  |  |  |  |       |  |  |  |  |       |  |  |  |  |
| -44/-45      |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |      |      |          |          |           |      |      |          |          |           |  |  |  |  |       |  |  |  |  |       |  |  |  |  |
| -45/-47      |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |      |      |          |          |           |      |      |          |          |           |  |  |  |  |       |  |  |  |  |       |  |  |  |  |
| -47/-49      |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |      |      |          |          |           |      |      |          |          |           |  |  |  |  |       |  |  |  |  |       |  |  |  |  |
| -71/-51      |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |      |      |          |          |           |      |      |          |          |           |  |  |  |  |       |  |  |  |  |       |  |  |  |  |
| -72/-53      |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |      |      |          |          |           |      |      |          |          |           |  |  |  |  |       |  |  |  |  |       |  |  |  |  |
| -64/-55      |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |      |      |          |          |           |      |      |          |          |           |  |  |  |  |       |  |  |  |  |       |  |  |  |  |
| -54/-57      |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |      |      |          |          |           |      |      |          |          |           |  |  |  |  |       |  |  |  |  |       |  |  |  |  |
| -57/-59      |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |      |      |          |          |           |      |      |          |          |           |  |  |  |  |       |  |  |  |  |       |  |  |  |  |
| TOTAL        | 31.5                                | 38  | 1.1 | 1.0 | 3.3 | 1.1  |       |       |       |       |       |       |       |       |       |       |    |      |      |          |          |           | 222  |      |          |          | 785       |  |  |  |  |       |  |  |  |  |       |  |  |  |  |

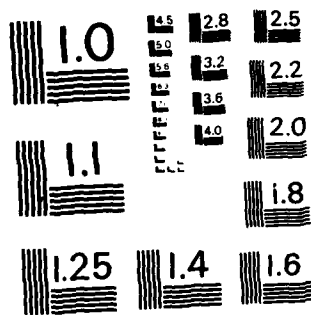
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MICROCOPY RESOLUTION TEST CHART  
NATIONAL BUREAU OF STANDARDS-1963-A

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

702350 SPARREVOHN AFS AK

73-81

JAN

PAGE 1 0900-1100

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |     |     |     |     |      |                |       |          |       |                                    |        |        |        |        |        |     |           |          |          | TOTAL     |  | TOTAL |  |
|--------------|-------------------------------------|-----|-----|-----|-----|------|----------------|-------|----------|-------|------------------------------------|--------|--------|--------|--------|--------|-----|-----------|----------|----------|-----------|--|-------|--|
|              | 0                                   | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12          | 13-14 | 15-16    | 17-18 | 19-20                              | 21-22  | 23-24  | 25-26  | 27-28  | 29-30  | +31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point |  |       |  |
| 44/ 43       |                                     |     | .3  |     |     |      |                |       |          |       |                                    |        |        |        |        |        |     | 2         | 2        |          |           |  |       |  |
| 42/ 41       |                                     |     | .4  | .1  |     |      |                |       |          |       |                                    |        |        |        |        |        |     | 4         | 4        |          |           |  |       |  |
| 40/ 39       |                                     |     | .6  | 1.4 | .3  |      |                |       |          |       |                                    |        |        |        |        |        |     | 18        | 18       | 2        |           |  |       |  |
| 38/ 37       |                                     | .3  | 2.4 | 2.2 | .5  |      |                |       |          |       |                                    |        |        |        |        |        |     | 42        | 42       | 3        |           |  |       |  |
| 36/ 35       | .1                                  | .5  | 4.7 | 2.7 | .8  |      |                |       |          |       |                                    |        |        |        |        |        |     | 69        | 69       | 15       |           |  |       |  |
| 34/ 33       | .3                                  | 1.9 | 2.9 | .9  | .1  |      |                |       |          |       |                                    |        |        |        |        |        |     | 48        | 48       | 41       | 6         |  |       |  |
| 32/ 31       | .9                                  | 2.9 | 2.9 | .4  |     |      |                |       |          |       |                                    |        |        |        |        |        |     | 56        | 56       | 90       | 21        |  |       |  |
| 30/ 29       | .5                                  | 3.2 | .9  | .5  |     |      |                |       |          |       |                                    |        |        |        |        |        |     | 40        | 40       | 65       | 36        |  |       |  |
| 28/ 27       | 1.1                                 | 2.8 | 1.7 | .4  |     |      |                |       |          |       |                                    |        |        |        |        |        |     | 47        | 47       | 66       | 44        |  |       |  |
| 26/ 25       | .8                                  | 3.6 | 1.7 | .4  |     |      |                |       |          |       |                                    |        |        |        |        |        |     | 50        | 50       | 32       | 70        |  |       |  |
| 24/ 23       |                                     | 2.0 | 1.1 | .3  |     |      |                |       |          |       |                                    |        |        |        |        |        |     | 27        | 27       | 52       | 38        |  |       |  |
| 22/ 21       | .9                                  | 2.3 | .6  |     |     |      |                |       |          |       |                                    |        |        |        |        |        |     | 30        | 30       | 43       | 67        |  |       |  |
| 20/ 19       | 1.1                                 | .9  | .1  | .1  |     |      |                |       |          |       |                                    |        |        |        |        |        |     | 26        | 26       | 29       | 35        |  |       |  |
| 18/ 17       | 1.3                                 | 1.3 | .5  | .1  |     |      |                |       |          |       |                                    |        |        |        |        |        |     | 25        | 25       | 31       | 41        |  |       |  |
| 16/ 15       | .9                                  | 2.0 | .5  |     |     |      |                |       |          |       |                                    |        |        |        |        |        |     | 27        | 27       | 24       | 40        |  |       |  |
| 14/ 13       | .5                                  | .8  |     |     |     |      |                |       |          |       |                                    |        |        |        |        |        |     | 10        | 10       | 20       | 34        |  |       |  |
| 12/ 11       | .4                                  | 1.4 |     |     |     |      |                |       |          |       |                                    |        |        |        |        |        |     | 14        | 14       | 12       | 29        |  |       |  |
| 10/ 9        | .6                                  | 2.2 | .1  |     |     |      |                |       |          |       |                                    |        |        |        |        |        |     | 23        | 23       | 23       | 31        |  |       |  |
| 8/ 7         | .5                                  | 1.5 |     |     |     |      |                |       |          |       |                                    |        |        |        |        |        |     | 16        | 16       | 18       | 12        |  |       |  |
| 6/ 5         | .1                                  | 1.4 | .1  |     |     |      |                |       |          |       |                                    |        |        |        |        |        |     | 13        | 13       | 14       | 19        |  |       |  |
| 4/ 3         | .3                                  | 1.0 |     |     |     |      |                |       |          |       |                                    |        |        |        |        |        |     | 10        | 10       | 11       | 13        |  |       |  |
| 2/ 1         | 1.4                                 | 1.1 |     |     |     |      |                |       |          |       |                                    |        |        |        |        |        |     | 20        | 20       | 19       | 24        |  |       |  |
| 0/ -1        | .9                                  | .4  |     |     |     |      |                |       |          |       |                                    |        |        |        |        |        |     | 10        | 10       | 14       | 13        |  |       |  |
| -2/ -3       | .4                                  | .5  |     |     |     |      |                |       |          |       |                                    |        |        |        |        |        |     | 7         | 7        | 7        | 19        |  |       |  |
| -4/ -5       | 1.0                                 | .5  |     |     |     |      |                |       |          |       |                                    |        |        |        |        |        |     | 12        | 12       | 11       | 12        |  |       |  |
| -6/ -7       | 1.3                                 | .3  |     |     |     |      |                |       |          |       |                                    |        |        |        |        |        |     | 12        | 12       | 15       | 13        |  |       |  |
| -8/ -9       | 1.8                                 |     |     |     |     |      |                |       |          |       |                                    |        |        |        |        |        |     | 14        | 14       | 15       | 9         |  |       |  |
| -10/-11      | 2.0                                 |     |     |     |     |      |                |       |          |       |                                    |        |        |        |        |        |     | 16        | 16       | 16       | 3         |  |       |  |
| -12/-13      | .9                                  |     |     |     |     |      |                |       |          |       |                                    |        |        |        |        |        |     | 7         | 7        | 7        | 5         |  |       |  |
| -14/-15      | .6                                  |     |     |     |     |      |                |       |          |       |                                    |        |        |        |        |        |     | 5         | 5        | 5        | 13        |  |       |  |
| -16/-17      | .9                                  |     |     |     |     |      |                |       |          |       |                                    |        |        |        |        |        |     | 7         | 7        | 7        | 11        |  |       |  |
| -18/-19      | 2.2                                 |     |     |     |     |      |                |       |          |       |                                    |        |        |        |        |        |     | 17        | 17       | 17       | 22        |  |       |  |
| -20/-21      | .4                                  |     |     |     |     |      |                |       |          |       |                                    |        |        |        |        |        |     | 3         | 3        | 3        | 10        |  |       |  |
| -22/-23      | 1.0                                 |     |     |     |     |      |                |       |          |       |                                    |        |        |        |        |        |     | 8         | 8        | 8        | 3         |  |       |  |
| Element (X)  | Σ X'                                |     | Σ X |     | Σ   |      | σ <sub>x</sub> |       | No. Obs. |       | Mean No. of Hours with Temperature |        |        |        |        |        |     | Total     |          |          |           |  |       |  |
| Rel. Hum.    |                                     |     |     |     |     |      |                |       |          |       | ≤ 0 F                              | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F |     |           |          |          |           |  |       |  |
| Dry Bulb     |                                     |     |     |     |     |      |                |       |          |       |                                    |        |        |        |        |        |     |           |          |          |           |  |       |  |
| Wet Bulb     |                                     |     |     |     |     |      |                |       |          |       |                                    |        |        |        |        |        |     |           |          |          |           |  |       |  |
| Dew Point    |                                     |     |     |     |     |      |                |       |          |       |                                    |        |        |        |        |        |     |           |          |          |           |  |       |  |

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
USAFETAC JUN 71



## PSYCHROMETRIC SUMMARY

73-81

444

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HOURS 5:11

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## PSYCHROMETRIC SUMMARY

702350      SPARREVOHN AFS AK  
STATION      STATION

73-81



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## PSYCHROMETRIC SUMMARY

702353 SPARREVOHN AFS AK

73-81

JAN

PAGE 1 1500-1700  
HOURS S. I.

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## PSYCHROMETRIC SUMMARY

702350      SPARREVOHN AFS AK  
STATION      STATION

73-81



PAGE ? 1500-1700

[illegible]



## PSYCHROMETRIC SUMMARY

702350      SPARREVOHN AFS AK  
STATION      STATION NAME

74-75, 78-81

YEARS

JAN 1987

PAGE 2 1830-2000

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |                    |          |           |     |  |  |  |  |  |  |  | TOTAL |  |  | TOTAL |  |  |
|--------------|-------------------------------------|------|------|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|--------------------|----------|-----------|-----|--|--|--|--|--|--|--|-------|--|--|-------|--|--|
|              | 0                                   | 1-2  | 3-4  | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B. W.B. Dry Bulb | Wet Bulb | Dew Point |     |  |  |  |  |  |  |  |       |  |  |       |  |  |
| -22/-23      | .8                                  |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 4                  | 4        | 4         | 6   |  |  |  |  |  |  |  |       |  |  |       |  |  |
| -24/-25      | 2.0                                 |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 10                 | 12       | 10        | 4   |  |  |  |  |  |  |  |       |  |  |       |  |  |
| -26/-27      | 2.2                                 |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 11                 | 12       | 11        | 3   |  |  |  |  |  |  |  |       |  |  |       |  |  |
| -28/-29      | .8                                  |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 4                  | 4        | 4         | 4   |  |  |  |  |  |  |  |       |  |  |       |  |  |
| -30/-31      | .6                                  |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 3                  | 5        | 3         | 1   |  |  |  |  |  |  |  |       |  |  |       |  |  |
| -32/-33      | .2                                  |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 1                  | 4        | 1         | 1   |  |  |  |  |  |  |  |       |  |  |       |  |  |
| -34/-35      |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |                    |          |           | 6   |  |  |  |  |  |  |  |       |  |  |       |  |  |
| -36/-37      |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |                    |          |           | 4   |  |  |  |  |  |  |  |       |  |  |       |  |  |
| -38/-39      |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |                    |          |           | 4   |  |  |  |  |  |  |  |       |  |  |       |  |  |
| -40/-41      |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |                    |          |           | 6   |  |  |  |  |  |  |  |       |  |  |       |  |  |
| -42/-43      |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |                    | 3        |           | 7   |  |  |  |  |  |  |  |       |  |  |       |  |  |
| -44/-45      |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |                    |          |           | 3   |  |  |  |  |  |  |  |       |  |  |       |  |  |
| -50/-51      |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |                    |          |           | 1   |  |  |  |  |  |  |  |       |  |  |       |  |  |
| -54/-55      |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |                    |          |           | 1   |  |  |  |  |  |  |  |       |  |  |       |  |  |
| -56/-57      |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |                    |          |           | 3   |  |  |  |  |  |  |  |       |  |  |       |  |  |
| -58/-59      |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |                    |          |           | 1   |  |  |  |  |  |  |  |       |  |  |       |  |  |
| TOTAL        | 32.8                                | 33.6 | 22.5 | 8.9 | 1.6 | .6   |       |       |       |       |       |       |       |       |       |       |      |                    | 514      |           | 503 |  |  |  |  |  |  |  |       |  |  |       |  |  |
|              |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 503                |          | 503       |     |  |  |  |  |  |  |  |       |  |  |       |  |  |

| Element (X) | Σ X'    | Σ X   | X̄     | s <sub>x</sub> | No. Obs. | Mean No. of Hours with Temperature |        |        |        |        |        | Total |
|-------------|---------|-------|--------|----------------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
| Rel. Hum.   | 2605901 | 35201 | 70.086 | 8.846          | 503      | ≤ 0 F                              | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F |       |
| Dry Bulb    | 351637  | 8557  | 16.820 | 1.93           | 514      | 19.7                               | 71.1   |        |        |        |        | 93    |
| Wet Bulb    | 286539  | 7983  | 15.917 | 1.842          | 503      | 19.2                               | 86.0   |        |        |        |        | 93    |
| Dew Point   | 25909   | 4571  | 9.120  | 1.18           | 503      | 23.7                               | 92.8   |        |        |        |        | 93    |

## PSYCHROMETRIC SUMMARY

YEARS

JAN.

2100-2300

[illegible]

## PSYCHROMETRIC SUMMARY

7C2350      SPARREVOHN AFS AK  
STATION      STATION NAME

73-81

JAN

PAGE 2 2120-2300

[illegible]



## PSYCHROMETRIC SUMMARY

|         |                   |
|---------|-------------------|
| 702350  | SPARREVOHN AFS AK |
| STATION | STATION NAME      |

73-51

JAN

PAGE 2 ALL

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |    |         |          |          |           |  |  |  |  |  |  |  |  |  |  | TOTAL |  |  | TOTAL |  |  |
|--------------|-------------------------------------|------|------|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|---------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|--|--|-------|--|--|
|              | 0                                   | 1-2  | 3-4  | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | DB W.B. | Dry Bulb | Wet Bulb | Dew Point |  |  |  |  |  |  |  |  |  |  |       |  |  |       |  |  |
| -22/-23      | 1.1                                 |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |    | 59      | 60       | 59       | 46        |  |  |  |  |  |  |  |  |  |  |       |  |  |       |  |  |
| -24/-25      | 1.5                                 |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |    | 62      | 61       | 61       | 43        |  |  |  |  |  |  |  |  |  |  |       |  |  |       |  |  |
| -26/-27      | 1.5                                 |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |    | 84      | 77       | 84       | 49        |  |  |  |  |  |  |  |  |  |  |       |  |  |       |  |  |
| -28/-29      | 1.4                                 |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |    | 78      | 68       | 76       | 34        |  |  |  |  |  |  |  |  |  |  |       |  |  |       |  |  |
| -30/-31      | .8                                  |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |    | 43      | 57       | 43       | 43        |  |  |  |  |  |  |  |  |  |  |       |  |  |       |  |  |
| -32/-33      | .4                                  |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |    | 21      | 34       | 21       | 28        |  |  |  |  |  |  |  |  |  |  |       |  |  |       |  |  |
| -34/-35      | .1                                  |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |    | 6       | 15       | 6        | 54        |  |  |  |  |  |  |  |  |  |  |       |  |  |       |  |  |
| -36/-37      |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |    |         | 2        |          | 65        |  |  |  |  |  |  |  |  |  |  |       |  |  |       |  |  |
| -38/-39      |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |    |         | 7        |          | 71        |  |  |  |  |  |  |  |  |  |  |       |  |  |       |  |  |
| -40/-41      |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |    |         | 12       |          | 66        |  |  |  |  |  |  |  |  |  |  |       |  |  |       |  |  |
| -42/-43      |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |    |         | 9        |          | 42        |  |  |  |  |  |  |  |  |  |  |       |  |  |       |  |  |
| -44/-45      |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |    |         | 3        |          | 30        |  |  |  |  |  |  |  |  |  |  |       |  |  |       |  |  |
| -46/-47      |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |    |         |          |          | 17        |  |  |  |  |  |  |  |  |  |  |       |  |  |       |  |  |
| -48/-49      |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |    |         |          |          | 7         |  |  |  |  |  |  |  |  |  |  |       |  |  |       |  |  |
| -50/-51      |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |    |         |          |          | 12        |  |  |  |  |  |  |  |  |  |  |       |  |  |       |  |  |
| -52/-53      |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |    |         |          |          | 6         |  |  |  |  |  |  |  |  |  |  |       |  |  |       |  |  |
| -54/-55      |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |    |         |          |          | 7         |  |  |  |  |  |  |  |  |  |  |       |  |  |       |  |  |
| -56/-57      |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |    |         |          |          | 6         |  |  |  |  |  |  |  |  |  |  |       |  |  |       |  |  |
| -58/-59      |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |    |         |          |          | 7         |  |  |  |  |  |  |  |  |  |  |       |  |  |       |  |  |
| -60/-61      |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |    |         |          |          | 1         |  |  |  |  |  |  |  |  |  |  |       |  |  |       |  |  |
| TOTAL        | 32.0                                | 36.3 | 20.7 | 9.2 | 1.4 | .3   |       |       |       |       |       |       |       |       |       |       |    |         | 5421     |          | 5514      |  |  |  |  |  |  |  |  |  |  |       |  |  |       |  |  |
|              |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |    |         | 5514     |          | 5514      |  |  |  |  |  |  |  |  |  |  |       |  |  |       |  |  |



## PSYCHROMETRIC SUMMARY

..FEB

PAGE ? 0000-0200

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  | TOTAL |  |  | TOTAL |  |  |
|--------------|-------------------------------------|------|------|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|--|--|-------|--|--|
|              | 0                                   | 1-2  | 3-4  | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point |  |  |  |  |  |  |  |  |  |  |       |  |  |       |  |  |
| -22/-23      | .5                                  |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |    | 3         | 3        | 3        | 11        |  |  |  |  |  |  |  |  |  |  |       |  |  |       |  |  |
| -24/-25      | .3                                  |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |    | 2         | 2        | 2        | 28        |  |  |  |  |  |  |  |  |  |  |       |  |  |       |  |  |
| -26/-27      | .5                                  |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |    | 3         | 3        | 3        | 16        |  |  |  |  |  |  |  |  |  |  |       |  |  |       |  |  |
| -28/-29      | .6                                  |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |    | 4         | 4        | 4        | 13        |  |  |  |  |  |  |  |  |  |  |       |  |  |       |  |  |
| -30/-31      | .3                                  |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |    | 2         | 2        | 2        | 6         |  |  |  |  |  |  |  |  |  |  |       |  |  |       |  |  |
| -32/-33      |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          | 5         |  |  |  |  |  |  |  |  |  |  |       |  |  |       |  |  |
| -34/-35      |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           | 2        |          | 5         |  |  |  |  |  |  |  |  |  |  |       |  |  |       |  |  |
| -36/-37      |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           | 2        |          | 7         |  |  |  |  |  |  |  |  |  |  |       |  |  |       |  |  |
| -38/-39      |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          | 6         |  |  |  |  |  |  |  |  |  |  |       |  |  |       |  |  |
| -40/-41      |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           | 2        |          | 3         |  |  |  |  |  |  |  |  |  |  |       |  |  |       |  |  |
| -42/-43      |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          | 1         |  |  |  |  |  |  |  |  |  |  |       |  |  |       |  |  |
| -44/-45      |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          | 1         |  |  |  |  |  |  |  |  |  |  |       |  |  |       |  |  |
| -52/-53      |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          | 2         |  |  |  |  |  |  |  |  |  |  |       |  |  |       |  |  |
| TOTAL        | 38.1                                | 37.3 | 15.1 | 8.2 | .8  | .5   |       |       |       |       |       |       |       |       |       |       |    |           | 649      |          | 643       |  |  |  |  |  |  |  |  |  |  |       |  |  |       |  |  |
|              |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |    | 643       |          | 643      |           |  |  |  |  |  |  |  |  |  |  |       |  |  |       |  |  |

## PSYCHROMETRIC SUMMARY

73-81

YEARS

FFB

MONTH

PAGE 1 0300-0500  
HOURS L. S. T. I

HOURS 5.30

[illegible]

## PSYCHROMETRIC SUMMARY

702350                      SPARREWOHN AFS AK  
STATION                                      STATION NAME

73-81

**FREE**

PAGE 2 ~~1300-0500~~

[illegible]

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

702350 SPARREVOHN AFS AK  
STATION STATION NAME

73-81  
YEARS

FEB  
MONTH

PAGE 1 0600-0800  
HOURS L. S. T.

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |     |     |     |     |      |       |       |       |       |          |       |                                    |        |        |        |        |           |          |          |           |  |  |       |  |  |  |  |  |  |  | TOTAL |  | TOTAL |  |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|----------|-------|------------------------------------|--------|--------|--------|--------|-----------|----------|----------|-----------|--|--|-------|--|--|--|--|--|--|--|-------|--|-------|--|
|              | 0                                   | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20    | 21-22 | 23-24                              | 25-26  | 27-28  | 29-30  | ≥31    | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point |  |  |       |  |  |  |  |  |  |  |       |  |       |  |
| 42/ 41       |                                     |     | .3  |     | .3  |      |       |       |       |       |          |       |                                    |        |        |        |        | 4         | 4        |          |           |  |  |       |  |  |  |  |  |  |  |       |  |       |  |
| 40/ 39       |                                     | .1  | .1  | .4  |     |      |       |       |       |       |          |       |                                    |        |        |        |        | 5         | 5        |          |           |  |  |       |  |  |  |  |  |  |  |       |  |       |  |
| 38/ 37       |                                     | .4  | .9  | .6  | .1  |      |       |       |       |       |          |       |                                    |        |        |        |        | 14        | 14       | 4        |           |  |  |       |  |  |  |  |  |  |  |       |  |       |  |
| 36/ 35       |                                     | 2.0 | 2.3 | 1.1 |     |      |       |       |       |       |          |       |                                    |        |        |        |        | 38        | 38       | 4        | 1         |  |  |       |  |  |  |  |  |  |  |       |  |       |  |
| 34/ 33       | .3                                  | .9  | 2.0 | .4  | .1  |      |       |       |       |       |          |       |                                    |        |        |        |        | 26        | 26       | 29       | 9         |  |  |       |  |  |  |  |  |  |  |       |  |       |  |
| 32/ 31       | 1.0                                 | 2.7 | 3.7 | 1.8 | .3  |      |       |       |       |       |          |       |                                    |        |        |        |        | 67        | 67       | 37       | 13        |  |  |       |  |  |  |  |  |  |  |       |  |       |  |
| 30/ 29       | .7                                  | 1.7 | 2.0 | 1.0 |     |      |       |       |       |       |          |       |                                    |        |        |        |        | 38        | 38       | 50       | 22        |  |  |       |  |  |  |  |  |  |  |       |  |       |  |
| 28/ 27       | 1.0                                 | 1.3 | 1.3 |     |     |      |       |       |       |       |          |       |                                    |        |        |        |        | 25        | 25       | 44       | 34        |  |  |       |  |  |  |  |  |  |  |       |  |       |  |
| 26/ 25       | .3                                  | 3.1 | 1.0 | .6  |     |      |       |       |       |       |          |       |                                    |        |        |        |        | 35        | 35       | 48       | 34        |  |  |       |  |  |  |  |  |  |  |       |  |       |  |
| 24/ 23       |                                     | 1.8 | .9  |     |     |      |       |       |       |       |          |       |                                    |        |        |        |        | 19        | 19       | 31       | 18        |  |  |       |  |  |  |  |  |  |  |       |  |       |  |
| 22/ 21       | .3                                  | 1.1 | .3  | .1  |     |      |       |       |       |       |          |       |                                    |        |        |        |        | 13        | 13       | 21       | 30        |  |  |       |  |  |  |  |  |  |  |       |  |       |  |
| 20/ 19       | .9                                  | 2.7 | .4  | .1  |     |      |       |       |       |       |          |       |                                    |        |        |        |        | 29        | 29       | 24       | 43        |  |  |       |  |  |  |  |  |  |  |       |  |       |  |
| 18/ 17       |                                     | 3.0 | 1.0 | .3  |     |      |       |       |       |       |          |       |                                    |        |        |        |        | 30        | 30       | 23       | 25        |  |  |       |  |  |  |  |  |  |  |       |  |       |  |
| 16/ 15       | .6                                  | 1.4 | .1  |     |     |      |       |       |       |       |          |       |                                    |        |        |        |        | 15        | 15       | 27       | 22        |  |  |       |  |  |  |  |  |  |  |       |  |       |  |
| 14/ 13       | .4                                  | 1.6 | .3  |     |     |      |       |       |       |       |          |       |                                    |        |        |        |        | 16        | 16       | 20       | 37        |  |  |       |  |  |  |  |  |  |  |       |  |       |  |
| 12/ 11       | .3                                  | 1.4 | .1  |     |     |      |       |       |       |       |          |       |                                    |        |        |        |        | 13        | 13       | 13       | 25        |  |  |       |  |  |  |  |  |  |  |       |  |       |  |
| 10/ 9        | .3                                  | 2.7 | .3  |     |     |      |       |       |       |       |          |       |                                    |        |        |        |        | 23        | 23       | 23       | 14        |  |  |       |  |  |  |  |  |  |  |       |  |       |  |
| 8/ 7         | .6                                  | 2.6 | .3  |     |     |      |       |       |       |       |          |       |                                    |        |        |        |        | 24        | 24       | 19       | 18        |  |  |       |  |  |  |  |  |  |  |       |  |       |  |
| 6/ 5         |                                     | 2.1 | .3  |     |     |      |       |       |       |       |          |       |                                    |        |        |        |        | 17        | 17       | 21       | 14        |  |  |       |  |  |  |  |  |  |  |       |  |       |  |
| 4/ 3         | .7                                  | 2.3 |     |     |     |      |       |       |       |       |          |       |                                    |        |        |        |        | 21        | 21       | 25       | 21        |  |  |       |  |  |  |  |  |  |  |       |  |       |  |
| 2/ 1         | 1.7                                 | 1.7 |     |     |     |      |       |       |       |       |          |       |                                    |        |        |        |        | 24        | 24       | 26       | 26        |  |  |       |  |  |  |  |  |  |  |       |  |       |  |
| 0/ -1        | 1.6                                 | .4  |     |     |     |      |       |       |       |       |          |       |                                    |        |        |        |        | 14        | 14       | 18       | 22        |  |  |       |  |  |  |  |  |  |  |       |  |       |  |
| -2/ -3       | 1.6                                 | .4  |     |     |     |      |       |       |       |       |          |       |                                    |        |        |        |        | 14        | 14       | 17       | 22        |  |  |       |  |  |  |  |  |  |  |       |  |       |  |
| -4/ -5       | 2.3                                 | .3  |     |     |     |      |       |       |       |       |          |       |                                    |        |        |        |        | 18        | 18       | 18       | 21        |  |  |       |  |  |  |  |  |  |  |       |  |       |  |
| -6/ -7       | 3.1                                 | .6  |     |     |     |      |       |       |       |       |          |       |                                    |        |        |        |        | 26        | 26       | 23       | 12        |  |  |       |  |  |  |  |  |  |  |       |  |       |  |
| -8/ -9       | 2.3                                 |     |     |     |     |      |       |       |       |       |          |       |                                    |        |        |        |        | 16        | 16       | 19       | 24        |  |  |       |  |  |  |  |  |  |  |       |  |       |  |
| -10/-11      | 1.7                                 |     |     |     |     |      |       |       |       |       |          |       |                                    |        |        |        |        | 12        | 12       | 12       | 22        |  |  |       |  |  |  |  |  |  |  |       |  |       |  |
| -12/-13      | .9                                  |     |     |     |     |      |       |       |       |       |          |       |                                    |        |        |        |        | 6         | 6        | 6        | 13        |  |  |       |  |  |  |  |  |  |  |       |  |       |  |
| -14/-15      | 3.3                                 |     |     |     |     |      |       |       |       |       |          |       |                                    |        |        |        |        | 23        | 23       | 23       | 18        |  |  |       |  |  |  |  |  |  |  |       |  |       |  |
| -16/-17      | 2.1                                 |     |     |     |     |      |       |       |       |       |          |       |                                    |        |        |        |        | 15        | 15       | 15       | 13        |  |  |       |  |  |  |  |  |  |  |       |  |       |  |
| -18/-19      | 1.1                                 |     |     |     |     |      |       |       |       |       |          |       |                                    |        |        |        |        | 22        | 23       | 22       | 20        |  |  |       |  |  |  |  |  |  |  |       |  |       |  |
| -20/-21      | 1.7                                 |     |     |     |     |      |       |       |       |       |          |       |                                    |        |        |        |        | 12        | 13       | 12       | 8         |  |  |       |  |  |  |  |  |  |  |       |  |       |  |
| -22/-23      | 1.6                                 |     |     |     |     |      |       |       |       |       |          |       |                                    |        |        |        |        | 11        | 11       | 11       | 12        |  |  |       |  |  |  |  |  |  |  |       |  |       |  |
| -24/-25      | .6                                  |     |     |     |     |      |       |       |       |       |          |       |                                    |        |        |        |        | 9         | 9        | 9        | 12        |  |  |       |  |  |  |  |  |  |  |       |  |       |  |
| Element (X)  | Σ X'                                |     | Σ X |     | Σ   |      | Σ     |       | Σ     |       | No. Obs. |       | Mean No. of Hours with Temperature |        |        |        |        |           |          |          |           |  |  | Total |  |  |  |  |  |  |  |       |  |       |  |
| Rel. Hum.    |                                     |     |     |     |     |      |       |       |       |       |          |       | ≤ 0 F                              | ± 32 F | ± 67 F | ± 73 F | ± 80 F | ± 93 F    |          |          |           |  |  |       |  |  |  |  |  |  |  |       |  |       |  |
| Dry Bulb     |                                     |     |     |     |     |      |       |       |       |       |          |       |                                    |        |        |        |        |           |          |          |           |  |  |       |  |  |  |  |  |  |  |       |  |       |  |
| Wet Bulb     |                                     |     |     |     |     |      |       |       |       |       |          |       |                                    |        |        |        |        |           |          |          |           |  |  |       |  |  |  |  |  |  |  |       |  |       |  |
| Dew Point    |                                     |     |     |     |     |      |       |       |       |       |          |       |                                    |        |        |        |        |           |          |          |           |  |  |       |  |  |  |  |  |  |  |       |  |       |  |

## PSYCHROMETRIC SUMMARY

702350                      SPARREVOHN AFS AK  
STATION                                      STATION NAME

73-81

YEARS

FEB  
MONTH

PAGE 2 ~~0600-0800~~  
M O R E S T

[illegible]

## PSYCHROMETRIC SUMMARY

73-81

459

| STATION | STATION NAME |
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YEARS

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2930-1100

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |      |      |          |           |  |  |  |  |  | TOTAL<br>D.B. W.B. |  | TOTAL<br>Wet Bulb Dew Point |  |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|----------|-----------|--|--|--|--|--|--------------------|--|-----------------------------|--|
|              | 0                                   | 1-2 | 3-4 | 5-6 | 7-9 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B. | W.B. | Wet Bulb | Dew Point |  |  |  |  |  |                    |  |                             |  |
| 44/ 43       |                                     |     |     | .1  |     |      |       |       |       |       |       |       |       |       |       |       |      | 1    | 1    |          |           |  |  |  |  |  |                    |  |                             |  |
| 42/ 41       |                                     | .1  | .1  | .3  |     |      |       |       |       |       |       |       |       |       |       |       |      | 4    | 4    |          |           |  |  |  |  |  |                    |  |                             |  |
| 40/ 39       | .1                                  |     | .1  | .7  |     |      |       |       |       |       |       |       |       |       |       |       |      | 7    | 7    | 2        | 2         |  |  |  |  |  |                    |  |                             |  |
| 38/ 37       |                                     | .6  | 1.7 | 1.3 | .3  |      |       |       |       |       |       |       |       |       |       |       |      | 27   | 27   | 2        |           |  |  |  |  |  |                    |  |                             |  |
| 36/ 35       |                                     | .6  | 3.5 | 1.8 |     |      |       |       |       |       |       |       |       |       |       |       |      | 42   | 42   | 13       | 1         |  |  |  |  |  |                    |  |                             |  |
| 34/ 33       | .1                                  | 2.0 | 2.0 | 1.4 | .6  |      |       |       |       |       |       |       |       |       |       |       |      | 43   | 43   | 29       | 4         |  |  |  |  |  |                    |  |                             |  |
| 32/ 31       | .6                                  | 2.7 | 3.4 | .7  | .1  |      |       |       |       |       |       |       |       |       |       |       |      | 53   | 53   | 52       | 15        |  |  |  |  |  |                    |  |                             |  |
| 30/ 29       | .7                                  | 1.8 | 1.8 |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 31   | 31   | 50       | 30        |  |  |  |  |  |                    |  |                             |  |
| 28/ 27       | .6                                  | 1.4 | 1.7 | .1  |     |      |       |       |       |       |       |       |       |       |       |       |      | 27   | 27   | 51       | 29        |  |  |  |  |  |                    |  |                             |  |
| 26/ 25       | .1                                  | 1.8 | 1.1 | .1  |     |      |       |       |       |       |       |       |       |       |       |       |      | 23   | 23   | 31       | 53        |  |  |  |  |  |                    |  |                             |  |
| 24/ 23       |                                     | 1.8 | 1.3 | .1  |     |      |       |       |       |       |       |       |       |       |       |       |      | 23   | 23   | 29       | 8         |  |  |  |  |  |                    |  |                             |  |
| 22/ 21       | .4                                  | 2.5 | .4  | .3  |     |      |       |       |       |       |       |       |       |       |       |       |      | 26   | 26   | 20       | 33        |  |  |  |  |  |                    |  |                             |  |
| 20/ 19       | 1.5                                 | 1.5 | 1.3 | .8  |     |      |       |       |       |       |       |       |       |       |       |       |      | 37   | 37   | 37       | 43        |  |  |  |  |  |                    |  |                             |  |
| 18/ 17       | .1                                  | 1.3 | 1.1 | .3  |     |      |       |       |       |       |       |       |       |       |       |       |      | 20   | 20   | 17       | 38        |  |  |  |  |  |                    |  |                             |  |
| 16/ 15       | .3                                  | 1.5 | .6  |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 17   | 17   | 30       | 20        |  |  |  |  |  |                    |  |                             |  |
| 14/ 13       | .4                                  | 2.4 | .6  |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 24   | 24   | 19       | 25        |  |  |  |  |  |                    |  |                             |  |
| 12/ 11       | .1                                  | 2.1 | .4  |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 19   | 19   | 20       | 20        |  |  |  |  |  |                    |  |                             |  |
| 10/ 9        | .1                                  | 1.5 | .1  |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 13   | 13   | 25       | 15        |  |  |  |  |  |                    |  |                             |  |
| 8/ 7         | .6                                  | .6  | .3  |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 10   | 10   | 16       | 22        |  |  |  |  |  |                    |  |                             |  |
| 6/ 5         | 1.1                                 | 1.5 |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 19   | 19   | 19       | 16        |  |  |  |  |  |                    |  |                             |  |
| 4/ 3         | .4                                  | 2.0 |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 17   | 17   | 12       | 13        |  |  |  |  |  |                    |  |                             |  |
| 2/ 1         | .7                                  | 2.2 |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 21   | 21   | 26       | 36        |  |  |  |  |  |                    |  |                             |  |
| 0/ -1        | 1.4                                 | 1.0 |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 17   | 17   | 14       | 16        |  |  |  |  |  |                    |  |                             |  |
| -2/ -3       | 2.2                                 | .7  |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 21   | 21   | 24       | 17        |  |  |  |  |  |                    |  |                             |  |
| -4/ -5       | 2.7                                 | .7  |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 24   | 24   | 25       | 14        |  |  |  |  |  |                    |  |                             |  |
| -6/ -7       | 1.5                                 | .4  |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 14   | 14   | 14       | 22        |  |  |  |  |  |                    |  |                             |  |
| -8/ -9       | 2.1                                 | .1  |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 16   | 16   | 19       | 28        |  |  |  |  |  |                    |  |                             |  |
| -10/ -11     | 2.5                                 |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 18   | 18   | 18       | 22        |  |  |  |  |  |                    |  |                             |  |
| -12/ -13     | 1.5                                 |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 11   | 11   | 11       | 15        |  |  |  |  |  |                    |  |                             |  |
| -14/ -15     | 2.4                                 |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 17   | 17   | 17       | 13        |  |  |  |  |  |                    |  |                             |  |
| -16/ -17     | 1.4                                 |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 10   | 10   | 10       | 16        |  |  |  |  |  |                    |  |                             |  |
| -18/ -19     | 3.1                                 |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 22   | 22   | 22       | 17        |  |  |  |  |  |                    |  |                             |  |
| -20/ -21     | 1.8                                 |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |      |      |          |           |  |  |  |  |  |                    |  |                             |  |

## PSYCHROMETRIC SUMMARY

702350      SPARRE.      N AFS AK  
STATION                      STATION NAME

73-61

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HOURS (L. S. T.)

[illegible]



## PSYCHROMETRIC SUMMARY

|               |                          |
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| <u>702350</u> | <u>SPARREVOHN AFS AK</u> |
| STATION       | STATION NAME             |

73-81

YEARS

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1971

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## PSYCHROMETRIC SUMMARY

73-A1

FE2

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H2 RS S T

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |     |           |          |          |           |  |  |  |  |  |  |  |  |  | TOTAL |  | TOTAL |  |
|--------------|-------------------------------------|------|------|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
|              | 0                                   | 1-2  | 3-4  | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | *31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point |  |  |  |  |  |  |  |  |  |       |  |       |  |
| -24/-25      | .3                                  |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |     | 2         | 2        | 2        | 16        |  |  |  |  |  |  |  |  |  |       |  |       |  |
| -26/-27      | .2                                  |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |     | 1         | 1        | 1        | 8         |  |  |  |  |  |  |  |  |  |       |  |       |  |
| -28/-29      | .5                                  |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |     | 3         | 3        | 3        | 16        |  |  |  |  |  |  |  |  |  |       |  |       |  |
| -30/-31      |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |     |           |          |          | 7         |  |  |  |  |  |  |  |  |  |       |  |       |  |
| -32/-33      | .3                                  |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |     | 2         | 2        | 2        | 4         |  |  |  |  |  |  |  |  |  |       |  |       |  |
| -34/-35      | .3                                  |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |     | 2         | 2        | 2        | 3         |  |  |  |  |  |  |  |  |  |       |  |       |  |
| -36/-37      |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |     |           |          |          | 2         |  |  |  |  |  |  |  |  |  |       |  |       |  |
| -38/-39      |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |     |           |          |          | 3         |  |  |  |  |  |  |  |  |  |       |  |       |  |
| -42/-43      |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |     |           |          |          | 1         |  |  |  |  |  |  |  |  |  |       |  |       |  |
| -60/-61      |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |     |           |          |          | 2         |  |  |  |  |  |  |  |  |  |       |  |       |  |
| TOTAL        | 28.4                                | 40.0 | 20.5 | 8.5 | 2.4 | .2   |       |       |       |       |       |       |       |       |       |       |     | 662       | 662      | 662      | 662       |  |  |  |  |  |  |  |  |  |       |  |       |  |

## PSYCHROMETRIC SUMMARY

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| 702350  | SPARREVOHN AFS AK |
| STATION | STATION NAME      |

73-75, 77-81

YEARS

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## PSYCHROMETRIC SUMMARY

702350 SPARREVOHN AFS AK  
STATION STATION NAME

73-75, 77-81

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## PSYCHROMETRIC SUMMARY

|         |                   |
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| 702350  | SPARREVOHN AFS AK |
| STATION | STATION NAME      |

74-81

YEARS

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## PSYCHROMETRIC SUMMARY

73-81

YEARS

FEB

PAGE 2

ALL

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |     |                    |          |           |      |  |  |  |  |  |  |  |  |  |  | TOTAL |  | TOTAL |  |
|--------------|-------------------------------------|------|------|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|--------------------|----------|-----------|------|--|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
|              | 0                                   | 1-2  | 3-4  | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | +31 | D.B. W.B. Dry Bulb | Wet Bulb | Dew Point |      |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| -20/-21      | 1.7                                 |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |     | 84                 | 85       | 54        | 131  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| -22/-23      | .9                                  |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |     | 47                 | 50       | 47        | 79   |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| -24/-25      | .4                                  |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |     | 21                 | 23       | 21        | 118  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| -26/-27      | .5                                  |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |     | 24                 | 24       | 24        | 155  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| -28/-29      | .4                                  |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |     | 21                 | 23       | 21        | 115  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| -30/-31      | .2                                  |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |     | 8                  | 10       | 8         | 52   |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| -32/-33      | .2                                  |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |     | 10                 | 14       | 10        | 36   |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| -34/-35      | .3                                  |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |     | 13                 | 20       | 13        | 26   |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| -36/-37      | .0                                  |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |     | 1                  | 10       | 1         | 45   |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| -38/-39      |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |     |                    | 10       |           | 38   |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| -40/-41      |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |     |                    |          |           | 16   |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| -42/-43      |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |     |                    |          |           | 6    |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| -44/-45      |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |     |                    |          |           | 2    |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| -46/-47      |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |     |                    |          |           | 1    |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| -52/-53      |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |     |                    |          |           | 3    |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| -58/-59      |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |     |                    |          |           | 3    |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| -60/-61      |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |     |                    |          |           | 1    |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| TOTAL        | 34.3                                | 37.0 | 18.3 | 7.7 | 1.6 | .3   |       |       |       |       |       |       |       |       |       |       |     |                    | 5244     |           | 5002 |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |     | 5002               |          | 5002      |      |  |  |  |  |  |  |  |  |  |  |       |  |       |  |



## PSYCHROMETRIC SUMMARY

7-2350      SPARREVOHN AFS AK  
STATION      STATION NAME

73-A1

YEARS

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PAGE 7 1600-0200

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |     |  |  |  |  |  |  |  |  |  | TOTAL |  | TOTAL |  |
|--------------|-------------------------------------|------|------|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|-----|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
|              | 0                                   | 1-2  | 3-4  | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point |     |  |  |  |  |  |  |  |  |  |       |  |       |  |
| -24/-25      | .1                                  |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           | 1        | 1        | 1         | 7   |  |  |  |  |  |  |  |  |  |       |  |       |  |
| -26/-27      | .1                                  |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           | 1        | 1        | 1         | 8   |  |  |  |  |  |  |  |  |  |       |  |       |  |
| -28/-29      |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           | 1   |  |  |  |  |  |  |  |  |  |       |  |       |  |
| -30/-31      |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           | 1   |  |  |  |  |  |  |  |  |  |       |  |       |  |
| -32/-33      |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           | 1   |  |  |  |  |  |  |  |  |  |       |  |       |  |
| -34/-35      |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           | 1   |  |  |  |  |  |  |  |  |  |       |  |       |  |
| -36/-39      |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           | 1   |  |  |  |  |  |  |  |  |  |       |  |       |  |
| TOTAL        | 24.8                                | 49.3 | 19.6 | 6.2 | .1  |      |       |       |       |       |       |       |       |       |       |       |      |           |          | 802      |           | 802 |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |     |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |     |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |     |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |     |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |     |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |     |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |     |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |     |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |     |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |     |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |     |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |     |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |     |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |     |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |     |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |     |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |     |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |     |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |     |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |     |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |     |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |     |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |     |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |     |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |     |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |     |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |     |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |     |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |     |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |     |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |     |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |     |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |     |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |     |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |     |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |     |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |     |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |     |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |     |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |     |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |     |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |     |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |     |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |     |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |     |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |     |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |     |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |     |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |     |  |  |  |  |  |  |  |  |  |       |  |       |  |



## PSYCHROMETRIC SUMMARY

722350      SPARREVOH4 AFS AK  
STATION      STATION NAME

73-81

YEARS

MAR  
MINI

PAGE 2 - 0300-0500

[illegible]

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

702350 SPARREVOHN AFS AK  
STATION STATION NAME

73-61

YEARS

MAR

PAGE 1 2600-0800

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |     |     |            |     |      |           |       |       |            |       |       |          |       |       |                                    |    |  |  |  |  |  |  |  |  |  |  |  |  |  |       |  |    |    | TOTAL<br>D.B. W.B. | TOTAL<br>Dry Bulb Wet Bulb Dew Point |
|--------------|-------------------------------------|-----|-----|------------|-----|------|-----------|-------|-------|------------|-------|-------|----------|-------|-------|------------------------------------|----|--|--|--|--|--|--|--|--|--|--|--|--|--|-------|--|----|----|--------------------|--------------------------------------|
|              | 0                                   | 1-2 | 3-4 | 5-6        | 7-8 | 9-10 | 11-12     | 13-14 | 15-16 | 17-18      | 19-20 | 21-22 | 23-24    | 25-26 | 27-28 | 29-30                              | 31 |  |  |  |  |  |  |  |  |  |  |  |  |  |       |  |    |    |                    |                                      |
| 44/ 43       |                                     |     |     | .1         | .1  |      |           |       |       |            |       |       |          |       |       |                                    |    |  |  |  |  |  |  |  |  |  |  |  |  |  |       |  | 2  | 2  |                    |                                      |
| 42/ 41       |                                     |     |     | .2         |     |      |           |       |       |            |       |       |          |       |       |                                    |    |  |  |  |  |  |  |  |  |  |  |  |  |  |       |  | 2  | 2  |                    |                                      |
| 40/ 39       |                                     | .1  |     | .5         |     |      |           |       |       |            |       |       |          |       |       |                                    |    |  |  |  |  |  |  |  |  |  |  |  |  |  |       |  | 5  | 5  |                    |                                      |
| 38/ 37       |                                     | .2  |     | .8         |     |      |           |       |       |            |       |       |          |       |       |                                    |    |  |  |  |  |  |  |  |  |  |  |  |  |  |       |  | 9  | 9  |                    |                                      |
| 36/ 35       |                                     | .4  | 1.3 | 1.0        |     |      |           |       |       |            |       |       |          |       |       |                                    |    |  |  |  |  |  |  |  |  |  |  |  |  |  |       |  | 22 | 22 |                    |                                      |
| 34/ 33       | .4                                  | 1.2 | 1.3 | 1.3        |     |      |           |       |       |            |       |       |          |       |       |                                    |    |  |  |  |  |  |  |  |  |  |  |  |  |  |       |  | 35 | 35 |                    |                                      |
| 32/ 31       | 1.0                                 | 2.9 | 4.5 | 1.8        |     |      |           |       |       |            |       |       |          |       |       |                                    |    |  |  |  |  |  |  |  |  |  |  |  |  |  |       |  | 84 | 84 |                    |                                      |
| 30/ 29       | 1.3                                 | 3.4 | 1.6 | .5         |     |      |           |       |       |            |       |       |          |       |       |                                    |    |  |  |  |  |  |  |  |  |  |  |  |  |  |       |  | 56 | 56 |                    |                                      |
| 28/ 27       | 1.6                                 | 3.6 | 2.2 | .6         |     |      |           |       |       |            |       |       |          |       |       |                                    |    |  |  |  |  |  |  |  |  |  |  |  |  |  |       |  | 66 | 66 |                    |                                      |
| 26/ 25       | 1.0                                 | 4.2 | 1.6 |            |     |      |           |       |       |            |       |       |          |       |       |                                    |    |  |  |  |  |  |  |  |  |  |  |  |  |  |       |  | 56 | 56 |                    |                                      |
| 24/ 23       | .4                                  | 2.3 | .7  |            |     |      |           |       |       |            |       |       |          |       |       |                                    |    |  |  |  |  |  |  |  |  |  |  |  |  |  |       |  | 28 | 28 |                    |                                      |
| 22/ 21       | 1.2                                 | 3.5 | .6  | .1         |     |      |           |       |       |            |       |       |          |       |       |                                    |    |  |  |  |  |  |  |  |  |  |  |  |  |  |       |  | 45 | 45 |                    |                                      |
| 20/ 19       | 1.7                                 | 2.9 | .6  |            |     |      |           |       |       |            |       |       |          |       |       |                                    |    |  |  |  |  |  |  |  |  |  |  |  |  |  |       |  | 43 | 43 |                    |                                      |
| 18/ 17       | 1.0                                 | 1.8 | .8  |            |     |      |           |       |       |            |       |       |          |       |       |                                    |    |  |  |  |  |  |  |  |  |  |  |  |  |  |       |  | 30 | 30 |                    |                                      |
| 16/ 15       | .4                                  | 2.7 | .4  |            |     |      |           |       |       |            |       |       |          |       |       |                                    |    |  |  |  |  |  |  |  |  |  |  |  |  |  |       |  | 28 | 28 |                    |                                      |
| 14/ 13       | 1.1                                 | 2.3 |     |            |     |      |           |       |       |            |       |       |          |       |       |                                    |    |  |  |  |  |  |  |  |  |  |  |  |  |  |       |  | 28 | 28 |                    |                                      |
| 12/ 11       |                                     | 3.4 | .2  |            |     |      |           |       |       |            |       |       |          |       |       |                                    |    |  |  |  |  |  |  |  |  |  |  |  |  |  |       |  | 30 | 30 |                    |                                      |
| 10/ 9        | 1.1                                 | 1.2 | .1  |            |     |      |           |       |       |            |       |       |          |       |       |                                    |    |  |  |  |  |  |  |  |  |  |  |  |  |  |       |  | 20 | 20 |                    |                                      |
| 8/ 7         | .7                                  | 1.7 | .2  |            |     |      |           |       |       |            |       |       |          |       |       |                                    |    |  |  |  |  |  |  |  |  |  |  |  |  |  |       |  | 22 | 22 |                    |                                      |
| 6/ 5         | .7                                  | 2.4 |     |            |     |      |           |       |       |            |       |       |          |       |       |                                    |    |  |  |  |  |  |  |  |  |  |  |  |  |  |       |  | 26 | 26 |                    |                                      |
| 4/ 3         | .2                                  | 2.1 |     |            |     |      |           |       |       |            |       |       |          |       |       |                                    |    |  |  |  |  |  |  |  |  |  |  |  |  |  |       |  | 19 | 19 |                    |                                      |
| 2/ 1         | .4                                  | 2.1 |     |            |     |      |           |       |       |            |       |       |          |       |       |                                    |    |  |  |  |  |  |  |  |  |  |  |  |  |  |       |  | 20 | 20 |                    |                                      |
| 0/ -1        | 1.5                                 | 1.2 |     |            |     |      |           |       |       |            |       |       |          |       |       |                                    |    |  |  |  |  |  |  |  |  |  |  |  |  |  |       |  | 22 | 22 |                    |                                      |
| -2/ -3       | 1.8                                 | .7  |     |            |     |      |           |       |       |            |       |       |          |       |       |                                    |    |  |  |  |  |  |  |  |  |  |  |  |  |  |       |  | 21 | 21 |                    |                                      |
| -4/ -5       | 2.2                                 | 1.5 |     |            |     |      |           |       |       |            |       |       |          |       |       |                                    |    |  |  |  |  |  |  |  |  |  |  |  |  |  |       |  | 30 | 30 |                    |                                      |
| -6/ -7       | 1.2                                 | .7  |     |            |     |      |           |       |       |            |       |       |          |       |       |                                    |    |  |  |  |  |  |  |  |  |  |  |  |  |  |       |  | 16 | 16 |                    |                                      |
| -8/ -9       | 1.2                                 |     |     |            |     |      |           |       |       |            |       |       |          |       |       |                                    |    |  |  |  |  |  |  |  |  |  |  |  |  |  |       |  | 10 | 10 |                    |                                      |
| -10/ -11     | 1.9                                 |     |     |            |     |      |           |       |       |            |       |       |          |       |       |                                    |    |  |  |  |  |  |  |  |  |  |  |  |  |  |       |  | 16 | 16 |                    |                                      |
| -12/ -13     | 1.7                                 |     |     |            |     |      |           |       |       |            |       |       |          |       |       |                                    |    |  |  |  |  |  |  |  |  |  |  |  |  |  |       |  | 14 | 14 |                    |                                      |
| -14/ -15     | .5                                  |     |     |            |     |      |           |       |       |            |       |       |          |       |       |                                    |    |  |  |  |  |  |  |  |  |  |  |  |  |  |       |  | 4  | 4  |                    |                                      |
| -16/ -17     | .5                                  |     |     |            |     |      |           |       |       |            |       |       |          |       |       |                                    |    |  |  |  |  |  |  |  |  |  |  |  |  |  |       |  | 4  | 4  |                    |                                      |
| -18/ -19     | .4                                  |     |     |            |     |      |           |       |       |            |       |       |          |       |       |                                    |    |  |  |  |  |  |  |  |  |  |  |  |  |  |       |  | 3  | 3  |                    |                                      |
| -20/ -21     | .6                                  |     |     |            |     |      |           |       |       |            |       |       |          |       |       |                                    |    |  |  |  |  |  |  |  |  |  |  |  |  |  |       |  | 5  | 5  |                    |                                      |
| -22/ -23     | .4                                  |     |     |            |     |      |           |       |       |            |       |       |          |       |       |                                    |    |  |  |  |  |  |  |  |  |  |  |  |  |  |       |  | 3  | 3  |                    |                                      |
| Element (X)  | $\Sigma X^2$                        |     |     | $\Sigma X$ |     |      | $\bar{X}$ |       |       | $\sigma^2$ |       |       | No. Obs. |       |       | Mean No. of Hours with Temperature |    |  |  |  |  |  |  |  |  |  |  |  |  |  | Total |  |    |    |                    |                                      |
| Rel. Hum.    |                                     |     |     |            |     |      |           |       |       |            |       |       |          |       |       |                                    |    |  |  |  |  |  |  |  |  |  |  |  |  |  |       |  |    |    |                    |                                      |
| Dry Bulb     |                                     |     |     |            |     |      |           |       |       |            |       |       |          |       |       |                                    |    |  |  |  |  |  |  |  |  |  |  |  |  |  |       |  |    |    |                    |                                      |
| Wet Bulb     |                                     |     |     |            |     |      |           |       |       |            |       |       |          |       |       |                                    |    |  |  |  |  |  |  |  |  |  |  |  |  |  |       |  |    |    |                    |                                      |
| Dew Point    |                                     |     |     |            |     |      |           |       |       |            |       |       |          |       |       |                                    |    |  |  |  |  |  |  |  |  |  |  |  |  |  |       |  |    |    |                    |                                      |

## PSYCHROMETRIC SUMMARY

73-61

MAF

PAGE 2 0600-0800

[illegible]

USAFETAC FORM 0 26 3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71

## PSYCHROMETRIC SUMMARY

MAC

PAGE 1 2922-1123

[illegible]

## PSYCHROMETRIC SUMMARY

7 2350      SPARREVOHN AFS AK  
STATION      STATION NAME

73-81

YFARS

MAR

PAGE 2 3890-1100

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |      |      |       |     |    |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | TOTAL |           | TOTAL    |          |           |  |     |     |     |     |    |
|--------------|-------------------------------------|------|------|-------|-----|----|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|-----------|----------|----------|-----------|--|-----|-----|-----|-----|----|
|              | 0                                   | 1    | 2    | 3     | 4   | 5  | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31    | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point |  |     |     |     |     |    |
| 21/-21       | .1                                  |      |      |       |     |    |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |           |  |     | 1   | 1   | 1   | 12 |
| 22/-22       | .1                                  |      |      |       |     |    |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |           |  |     | 1   | 1   | 1   | 6  |
| 24/-25       | .5                                  |      |      |       |     |    |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |           |  |     | 4   | 4   | 4   | 8  |
| 26/-27       |                                     |      |      |       |     |    |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |           |  |     |     |     |     | 1  |
| 28/-29       | .1                                  |      |      |       |     |    |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |           |  |     | 1   | 1   | 1   | 4  |
| 29/-31       |                                     |      |      |       |     |    |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |           |  |     |     |     |     | 5  |
| 34/-35       |                                     |      |      |       |     |    |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |           |  |     |     |     |     | 2  |
| 36/-37       |                                     |      |      |       |     |    |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |           |  |     |     |     |     | 2  |
| TOTAL        | 27.0                                | 43.3 | 21.0 | 211.0 | 1.3 | .2 |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |           |  | 831 | 531 | 831 | 831 |    |

USAFETAC FORM 0263 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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73-61

PAGE : 1423-1424

[illegible]

## PSYCHROMETRIC SUMMARY

MAR

PAC 2 1400-1400

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |    |             |          |          |           |     |  |  |  |  |  |  |  |  | TOTAL |  | TOTAL |  |
|--------------|-------------------------------------|------|------|------|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|-------------|----------|----------|-----------|-----|--|--|--|--|--|--|--|--|-------|--|-------|--|
|              | (                                   | 1-2  | 3-4  | 5-6  | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | D.B. - W.B. | Dry Bulb | Wet Bulb | Dew Point |     |  |  |  |  |  |  |  |  |       |  |       |  |
| -22/-23      |                                     | .1   |      |      |     |      |       |       |       |       |       |       |       |       |       |       |    |             | 1        | 1        | 1         | 9   |  |  |  |  |  |  |  |  |       |  |       |  |
| -24/-25      |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |    |             |          |          |           | 5   |  |  |  |  |  |  |  |  |       |  |       |  |
| -26/-27      |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |    |             |          |          |           | 3   |  |  |  |  |  |  |  |  |       |  |       |  |
| -28/-29      |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |    |             |          |          |           | 2   |  |  |  |  |  |  |  |  |       |  |       |  |
| -30/-31      |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |    |             |          |          |           | 2   |  |  |  |  |  |  |  |  |       |  |       |  |
| TOTAL        | 15.8                                | 42.0 | 25.3 | 12.9 | 2.7 | .4   |       |       |       |       |       |       |       |       |       |       |    |             | 829      | 829      |           | 829 |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |    |             |          |          |           |     |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |    |             |          |          |           |     |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |    |             |          |          |           |     |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |    |             |          |          |           |     |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |    |             |          |          |           |     |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |    |             |          |          |           |     |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |    |             |          |          |           |     |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |    |             |          |          |           |     |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |    |             |          |          |           |     |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |    |             |          |          |           |     |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |    |             |          |          |           |     |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |    |             |          |          |           |     |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |    |             |          |          |           |     |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |    |             |          |          |           |     |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |    |             |          |          |           |     |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |    |             |          |          |           |     |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |    |             |          |          |           |     |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |    |             |          |          |           |     |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |    |             |          |          |           |     |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |    |             |          |          |           |     |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |    |             |          |          |           |     |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |    |             |          |          |           |     |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |    |             |          |          |           |     |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |    |             |          |          |           |     |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |    |             |          |          |           |     |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |    |             |          |          |           |     |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |    |             |          |          |           |     |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |    |             |          |          |           |     |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |    |             |          |          |           |     |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |    |             |          |          |           |     |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |    |             |          |          |           |     |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |    |             |          |          |           |     |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |    |             |          |          |           |     |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |    |             |          |          |           |     |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |    |             |          |          |           |     |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |    |             |          |          |           |     |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |    |             |          |          |           |     |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |    |             |          |          |           |     |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |    |             |          |          |           |     |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |    |             |          |          |           |     |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |    |             |          |          |           |     |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |    |             |          |          |           |     |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |    |             |          |          |           |     |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |    |             |          |          |           |     |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |    |             |          |          |           |     |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |    |             |          |          |           |     |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |    |             |          |          |           |     |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |    |             |          |          |           |     |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |    |             |          |          |           |     |  |  |  |  |  |  |  |  |       |  |       |  |



## PSYCHROMETRIC SUMMARY

73-81

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PAGE 2 1500-1740

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## PSYCHROMETRIC SUMMARY

73-61

MAR

PAGE 1 1873-2000

USAFETAC FORM 0-26-3 (OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
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## PSYCHROMETRIC SUMMARY

|         |                   |
|---------|-------------------|
| 702350  | SPARREVOHN AFS AK |
| STATION | STATION NAME      |

23-01

MAR

PAGE 2 1800-2303

[illegible]

## PSYCHROMETRIC SUMMARY

MAD

2100-2300

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  | TOTAL |  | TOTAL |  |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
|              | 0                                   | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 32/ 37       |                                     | .5  | .2  | .5  |     |      |       |       |       |       |       |       |       |       |       |       |    | 7         | 7        |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 36/ 35       |                                     | 1.1 | 1.6 | 1.3 |     |      |       |       |       |       |       |       |       |       |       |       |    | 25        | 25       | 4        |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 34/ 33       |                                     | 2.2 | 2.1 | 4.1 |     |      |       |       |       |       |       |       |       |       |       |       |    | 53        | 53       | 8        | 2         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 32/ 31       | .3                                  | 4.3 | 4.3 | 1.7 |     |      |       |       |       |       |       |       |       |       |       |       |    | 67        | 67       | 35       | 8         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 30/ 29       | .8                                  | 3.7 | 2.1 | .8  |     |      |       |       |       |       |       |       |       |       |       |       |    | 46        | 46       | 51       | 19        |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 28/ 27       | 1.1                                 | 3.3 | 2.1 | .8  |     |      |       |       |       |       |       |       |       |       |       |       |    | 46        | 46       | 51       | 32        |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 26/ 25       | .6                                  | 4.8 | 1.4 |     |     |      |       |       |       |       |       |       |       |       |       |       |    | 43        | 43       | 49       | 36        |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 24/ 23       | .8                                  | 1.6 | .5  |     |     |      |       |       |       |       |       |       |       |       |       |       |    | 18        | 18       | 47       | 28        |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 22/ 21       | .6                                  | 2.4 | .5  | .5  |     |      |       |       |       |       |       |       |       |       |       |       |    | 25        | 25       | 26       | 37        |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 20/ 19       | 1.0                                 | 5.1 | 1.9 |     |     |      |       |       |       |       |       |       |       |       |       |       |    | 50        | 50       | 30       | 66        |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 18/ 17       |                                     | 3.3 |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    | 21        | 21       | 35       | 43        |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 16/ 15       | 1.3                                 | 2.5 | .8  |     |     |      |       |       |       |       |       |       |       |       |       |       |    | 29        | 29       | 33       | 36        |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 14/ 13       | .2                                  | 2.2 | .2  |     |     |      |       |       |       |       |       |       |       |       |       |       |    | 16        | 16       | 18       | 37        |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 12/ 11       | .8                                  | 2.4 | 1.1 |     |     |      |       |       |       |       |       |       |       |       |       |       |    | 27        | 27       | 22       | 29        |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 10/ 9        | .3                                  | 1.4 |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    | 11        | 11       | 22       | 21        |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 9/ 7         | .5                                  | 1.4 | .3  |     |     |      |       |       |       |       |       |       |       |       |       |       |    | 14        | 14       | 17       | 28        |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 7/ 5         |                                     | 1.3 | .2  |     |     |      |       |       |       |       |       |       |       |       |       |       |    | 9         | 9        | 9        | 18        |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 4/ 3         |                                     | 3.2 |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    | 20        | 20       | 15       | 17        |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 2/ 1         | .2                                  | 3.2 |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    | 21        | 21       | 27       | 18        |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 0/ -1        | 1.9                                 | .3  |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    | 14        | 14       | 19       | 4         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| -2/ -3       | 1.6                                 | .3  |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    | 12        | 12       | 13       | 12        |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| -4/ -5       | 1.0                                 | 1.0 |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    | 12        | 12       | 8        | 15        |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| -6/ -7       | 1.7                                 | .6  |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    | 15        | 15       | 20       | 27        |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| -8/ -9       | 1.3                                 |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    | 8         | 8        | 6        | 13        |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| -10/-11      | .5                                  |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    | 3         | 3        | 3        | 26        |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| -12/-13      | .6                                  |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    | 4         | 4        | 4        | 7         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| -14/-15      | .6                                  |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    | 4         | 4        | 4        | 10        |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| -16/-17      | .8                                  |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    | 5         | 5        | 5        | 2         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| -18/-19      | .5                                  |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    | 3         | 3        | 3        | 9         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| -20/-21      | .3                                  |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    | 2         | 2        | 2        | 7         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| -22/-23      |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          | 8         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| -24/-25      |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          | 5         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| -26/-27      |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          | 2         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| -28/-29      |                                     |     | </  |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |

## PSYCHROMETRIC SUMMARY

702353                      SPARRE JOHN AFS AK  
STATION                                      STATION NAME

73-81

YEARS

MAR

PAGE 2 2100-2300

[illegible]



## PSYCHROMETRIC SUMMARY

|         |                   |
|---------|-------------------|
| 7-2350  | SPAPREVONH AFS AK |
| STATION | STATION NAME      |

73-81

Y E A R S

MAF

PAGE 2

All

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## PSYCHROMETRIC SUMMARY

7-2350      SPARREVOHN AFS AK  
STATION      STATION

73-61

YEARS

APR

PAGE 7 0000-0200

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## PSYCHROMETRIC SUMMARY

73-61

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## PSYCHROMETRIC SUMMARY

73-81

APR

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USAFETAC FORM 0 26 3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE (N 1)

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

702350 SPARREVOHN AFS AK  
STATION STATION NAME

73-81  
YEARS

APR  
MO

PAGE 1 0600-0800

| Temp<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |     |     |     |     |              |       |       |       |       |           |       |       |       |       |       |    |  |  |  |          |  |  |  |  |                                    |  |  |  |  |  |       |  | TOTAL<br>D.B. W.B. | TOTAL<br>Wet Bulb<br>Dew Point |
|-------------|-------------------------------------|-----|-----|-----|-----|--------------|-------|-------|-------|-------|-----------|-------|-------|-------|-------|-------|----|--|--|--|----------|--|--|--|--|------------------------------------|--|--|--|--|--|-------|--|--------------------|--------------------------------|
|             | 0                                   | 1-2 | 3-4 | 5-6 | 7-8 | 9-10         | 11-12 | 13-14 | 15-16 | 17-18 | 19-20     | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 |  |  |  |          |  |  |  |  |                                    |  |  |  |  |  |       |  |                    |                                |
| 48/ 45      |                                     |     |     | .1  |     | .1           |       |       |       |       |           |       |       |       |       |       |    |  |  |  |          |  |  |  |  |                                    |  |  |  |  |  |       |  |                    |                                |
| 44/ 43      |                                     |     |     |     | .4  |              |       |       |       |       |           |       |       |       |       |       |    |  |  |  |          |  |  |  |  |                                    |  |  |  |  |  |       |  |                    |                                |
| 42/ 41      |                                     |     |     | .3  | .6  | .3           |       |       |       |       |           |       |       |       |       |       |    |  |  |  |          |  |  |  |  |                                    |  |  |  |  |  |       |  |                    |                                |
| 40/ 39      |                                     |     | .8  | 1.0 | .3  | .1           |       |       |       |       |           |       |       |       |       |       |    |  |  |  |          |  |  |  |  |                                    |  |  |  |  |  |       |  |                    |                                |
| 38/ 37      |                                     | .8  | 2.4 | 1.5 | .4  |              |       |       |       |       |           |       |       |       |       |       |    |  |  |  |          |  |  |  |  |                                    |  |  |  |  |  |       |  |                    |                                |
| 36/ 35      |                                     | 2.0 | 2.9 | 2.8 | .3  |              |       |       |       |       |           |       |       |       |       |       |    |  |  |  |          |  |  |  |  |                                    |  |  |  |  |  |       |  |                    |                                |
| 34/ 32      | .3                                  | 3.9 | 2.9 | 2.4 |     |              |       |       |       |       |           |       |       |       |       |       |    |  |  |  |          |  |  |  |  |                                    |  |  |  |  |  |       |  |                    |                                |
| 32/ 31      | 1.4                                 | 5.9 | 6.0 | 1.9 | .4  |              |       |       |       |       |           |       |       |       |       |       |    |  |  |  |          |  |  |  |  |                                    |  |  |  |  |  |       |  |                    |                                |
| 30/ 29      | 2.4                                 | 4.4 | 2.0 | .6  | .3  |              |       |       |       |       |           |       |       |       |       |       |    |  |  |  |          |  |  |  |  |                                    |  |  |  |  |  |       |  |                    |                                |
| 28/ 27      | 1.6                                 | 2.3 | 3.1 | .6  |     |              |       |       |       |       |           |       |       |       |       |       |    |  |  |  |          |  |  |  |  |                                    |  |  |  |  |  |       |  |                    |                                |
| 26/ 25      | 1.1                                 | 3.8 | 1.9 | .1  | .1  |              |       |       |       |       |           |       |       |       |       |       |    |  |  |  |          |  |  |  |  |                                    |  |  |  |  |  |       |  |                    |                                |
| 24/ 23      | .6                                  | 3.3 | 1.1 | .3  |     |              |       |       |       |       |           |       |       |       |       |       |    |  |  |  |          |  |  |  |  |                                    |  |  |  |  |  |       |  |                    |                                |
| 22/ 21      | 1.3                                 | 2.8 | 1.1 |     |     |              |       |       |       |       |           |       |       |       |       |       |    |  |  |  |          |  |  |  |  |                                    |  |  |  |  |  |       |  |                    |                                |
| 20/ 19      | 2.6                                 | 3.6 | .4  |     |     |              |       |       |       |       |           |       |       |       |       |       |    |  |  |  |          |  |  |  |  |                                    |  |  |  |  |  |       |  |                    |                                |
| 18/ 17      | .6                                  | 2.5 | .4  |     |     |              |       |       |       |       |           |       |       |       |       |       |    |  |  |  |          |  |  |  |  |                                    |  |  |  |  |  |       |  |                    |                                |
| 16/ 15      | 1.1                                 | 1.3 | .3  |     |     |              |       |       |       |       |           |       |       |       |       |       |    |  |  |  |          |  |  |  |  |                                    |  |  |  |  |  |       |  |                    |                                |
| 14/ 13      | .5                                  | 1.4 |     |     |     |              |       |       |       |       |           |       |       |       |       |       |    |  |  |  |          |  |  |  |  |                                    |  |  |  |  |  |       |  |                    |                                |
| 12/ 11      |                                     | 1.6 |     |     |     |              |       |       |       |       |           |       |       |       |       |       |    |  |  |  |          |  |  |  |  |                                    |  |  |  |  |  |       |  |                    |                                |
| 10/ 9       | .4                                  | 1.4 |     |     |     |              |       |       |       |       |           |       |       |       |       |       |    |  |  |  |          |  |  |  |  |                                    |  |  |  |  |  |       |  |                    |                                |
| 8/ 7        | .3                                  | 1.3 |     |     |     |              |       |       |       |       |           |       |       |       |       |       |    |  |  |  |          |  |  |  |  |                                    |  |  |  |  |  |       |  |                    |                                |
| 6/ 5        | .3                                  | .5  |     |     |     |              |       |       |       |       |           |       |       |       |       |       |    |  |  |  |          |  |  |  |  |                                    |  |  |  |  |  |       |  |                    |                                |
| 4/ 3        | .4                                  | .5  |     |     |     |              |       |       |       |       |           |       |       |       |       |       |    |  |  |  |          |  |  |  |  |                                    |  |  |  |  |  |       |  |                    |                                |
| 2/ 1        | .3                                  | .4  |     |     |     |              |       |       |       |       |           |       |       |       |       |       |    |  |  |  |          |  |  |  |  |                                    |  |  |  |  |  |       |  |                    |                                |
| / -1        | .3                                  |     |     |     |     |              |       |       |       |       |           |       |       |       |       |       |    |  |  |  |          |  |  |  |  |                                    |  |  |  |  |  |       |  |                    |                                |
| -2/ -3      |                                     |     |     |     |     |              |       |       |       |       |           |       |       |       |       |       |    |  |  |  |          |  |  |  |  |                                    |  |  |  |  |  |       |  |                    |                                |
| -4/ -5      |                                     |     |     |     |     |              |       |       |       |       |           |       |       |       |       |       |    |  |  |  |          |  |  |  |  |                                    |  |  |  |  |  |       |  |                    |                                |
| -6/ -7      | .1                                  | .1  |     |     |     |              |       |       |       |       |           |       |       |       |       |       |    |  |  |  |          |  |  |  |  |                                    |  |  |  |  |  |       |  |                    |                                |
| -8/ -9      |                                     |     |     |     |     |              |       |       |       |       |           |       |       |       |       |       |    |  |  |  |          |  |  |  |  |                                    |  |  |  |  |  |       |  |                    |                                |
| -10/ -11    |                                     |     |     |     |     |              |       |       |       |       |           |       |       |       |       |       |    |  |  |  |          |  |  |  |  |                                    |  |  |  |  |  |       |  |                    |                                |
| -12/ -13    |                                     |     |     |     |     |              |       |       |       |       |           |       |       |       |       |       |    |  |  |  |          |  |  |  |  |                                    |  |  |  |  |  |       |  |                    |                                |
| -14/ -15    | .1                                  |     |     |     |     |              |       |       |       |       |           |       |       |       |       |       |    |  |  |  |          |  |  |  |  |                                    |  |  |  |  |  |       |  |                    |                                |
| -16/ -17    | .1                                  |     |     |     |     |              |       |       |       |       |           |       |       |       |       |       |    |  |  |  |          |  |  |  |  |                                    |  |  |  |  |  |       |  |                    |                                |
| -18/ -19    |                                     |     |     |     |     |              |       |       |       |       |           |       |       |       |       |       |    |  |  |  |          |  |  |  |  |                                    |  |  |  |  |  |       |  |                    |                                |
| -20/ -25    |                                     |     |     |     |     |              |       |       |       |       |           |       |       |       |       |       |    |  |  |  |          |  |  |  |  |                                    |  |  |  |  |  |       |  |                    |                                |
| Element (X) | $\Sigma x$                          |     |     |     |     | $\Sigma x^2$ |       |       |       |       | $\bar{x}$ |       |       |       |       | $s^2$ |    |  |  |  | No. Obs. |  |  |  |  | Mean No. of Hours with Temperature |  |  |  |  |  | Total |  |                    |                                |
| Rel. Hum.   |                                     |     |     |     |     |              |       |       |       |       |           |       |       |       |       |       |    |  |  |  |          |  |  |  |  |                                    |  |  |  |  |  |       |  |                    |                                |
| Dry Bulb    |                                     |     |     |     |     |              |       |       |       |       |           |       |       |       |       |       |    |  |  |  |          |  |  |  |  |                                    |  |  |  |  |  |       |  |                    |                                |
| Wet Bulb    |                                     |     |     |     |     |              |       |       |       |       |           |       |       |       |       |       |    |  |  |  |          |  |  |  |  |                                    |  |  |  |  |  |       |  |                    |                                |
| Dew Point   |                                     |     |     |     |     |              |       |       |       |       |           |       |       |       |       |       |    |  |  |  |          |  |  |  |  |                                    |  |  |  |  |  |       |  |                    |                                |

FORM 0 26 3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
USAFETAC

## PSYCHROMETRIC SUMMARY

22-51

AD 3

PAGE 2      2600-0840

USAFETAC FORM 0-26.3-OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



## PSYCHROMETRIC SUMMARY

AD 4

[illegible]

## PSYCHROMETRIC SUMMARY

7-2350

SPARREVOHN AFS AK

73-81

APR

STATION

STATION NAME

YEARS

PAGE 1 1230-1440

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |            |           |            |          |                                    |                    |                    |                    |                    |                    |       |       |       |       |       |     |           |          |          |           |  |  |  |  |  |  |  |  |  | TOTAL |  | TOTAL |  |
|--------------|-------------------------------------|------------|-----------|------------|----------|------------------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|-------|-------|-------|-------|-------|-----|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
|              | 0                                   | 1-2        | 3-4       | 5-6        | 7-8      | 9-10                               | 11-12              | 13-14              | 15-16              | 17-18              | 19-20              | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | +31 | D.B. W.B. | Dr. Bulb | Wet Bulb | Dew Point |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 54/ 53       |                                     |            |           |            |          | .7                                 |                    | .1                 |                    |                    |                    |       |       |       |       |       |     | 3         | 3        |          |           |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 52/ 51       |                                     |            |           |            | .1       | .1                                 | .3                 |                    |                    |                    |                    |       |       |       |       |       |     | 4         | 4        |          |           |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 50/ 49       |                                     |            |           |            | .1       | .4                                 | .9                 |                    |                    |                    |                    |       |       |       |       |       |     | 11        | 11       |          |           |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 48/ 47       |                                     |            |           |            | .8       | .6                                 | .1                 |                    |                    |                    |                    |       |       |       |       |       |     | 12        | 12       |          |           |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 46/ 45       |                                     |            |           | .1         | 1.6      | .8                                 | .4                 |                    |                    |                    |                    |       |       |       |       |       |     | 23        | 23       | 1        |           |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 44/ 43       |                                     |            | .4        | 2.7        | 2.3      | .3                                 |                    |                    |                    |                    |                    |       |       |       |       |       |     | 44        | 44       | 2        |           |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 42/ 41       |                                     |            | .8        | 2.0        | 1.6      | .6                                 |                    |                    |                    |                    |                    |       |       |       |       |       |     | 40        | 40       | 4        |           |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 40/ 39       |                                     |            | 1.9       | 4.8        | 2.4      | .1                                 |                    |                    |                    |                    |                    |       |       |       |       |       |     | 73        | 73       | 20       |           |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 38/ 37       |                                     | 1.6        | 2.4       | 3.3        | .1       | .4                                 |                    |                    |                    |                    |                    |       |       |       |       |       |     | 62        | 62       | 58       |           |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 36/ 35       | .9                                  | 2.1        | 4.8       | 2.4        | .5       | .4                                 |                    |                    |                    |                    |                    |       |       |       |       |       |     | 88        | 88       | 83       | 9         |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 34/ 33       | .6                                  | 3.8        | 3.0       | 2.8        | .8       |                                    |                    |                    |                    |                    |                    |       |       |       |       |       |     | 97        | 87       | 110      | 20        |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 32/ 31       | 1.5                                 | 6.1        | 3.5       | 1.1        | .5       |                                    |                    |                    |                    |                    |                    |       |       |       |       |       |     | 102       | 102      | 120      | 71        |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 30/ 29       | 1.0                                 | 2.3        | 2.3       | 1.0        |          |                                    |                    |                    |                    |                    |                    |       |       |       |       |       |     | 52        | 52       | 101      | 77        |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 28/ 27       |                                     | 2.3        | 2.0       |            |          |                                    |                    |                    |                    |                    |                    |       |       |       |       |       |     | 34        | 34       | 65       | 90        |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 26/ 25       | .1                                  | 3.0        | .8        | .1         |          |                                    |                    |                    |                    |                    |                    |       |       |       |       |       |     | 32        | 32       | 55       | 106       |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 24/ 23       | .6                                  | 1.3        | .9        |            |          |                                    |                    |                    |                    |                    |                    |       |       |       |       |       |     | 22        | 22       | 51       | 53        |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 22/ 21       | .5                                  | 1.1        | .6        | .1         |          |                                    |                    |                    |                    |                    |                    |       |       |       |       |       |     | 19        | 19       | 22       | 72        |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 20/ 19       | .4                                  | 1.3        | 1.9       |            |          |                                    |                    |                    |                    |                    |                    |       |       |       |       |       |     | 28        | 29       | 17       | 61        |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 18/ 17       |                                     | .6         | .4        |            |          |                                    |                    |                    |                    |                    |                    |       |       |       |       |       |     | 8         | 8        | 21       | 40        |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 16/ 15       |                                     | .9         | .8        |            |          |                                    |                    |                    |                    |                    |                    |       |       |       |       |       |     | 13        | 13       | 12       | 35        |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 14/ 13       |                                     | 1.0        | .1        |            |          |                                    |                    |                    |                    |                    |                    |       |       |       |       |       |     | 9         | 9        | 12       | 23        |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 12/ 11       |                                     | .9         |           |            |          |                                    |                    |                    |                    |                    |                    |       |       |       |       |       |     | 7         | 7        | 12       | 11        |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 10/ 9        |                                     | .6         |           |            |          |                                    |                    |                    |                    |                    |                    |       |       |       |       |       |     | 5         | 5        | 9        | 15        |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 8/ 7         | .1                                  | .3         |           |            |          |                                    |                    |                    |                    |                    |                    |       |       |       |       |       |     | 3         | 3        | 6        | 14        |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 6/ 5         |                                     | .3         |           |            |          |                                    |                    |                    |                    |                    |                    |       |       |       |       |       |     | 2         | 2        | 1        | 22        |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 4/ 3         |                                     |            |           |            |          |                                    |                    |                    |                    |                    |                    |       |       |       |       |       |     |           |          | 1        | 13        |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 2/ 1         |                                     | .1         |           |            |          |                                    |                    |                    |                    |                    |                    |       |       |       |       |       |     | 1         | 1        |          | 20        |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 0/ -1        | .4                                  | .3         |           |            |          |                                    |                    |                    |                    |                    |                    |       |       |       |       |       |     | 5         | 5        | 4        | 5         |  |  |  |  |  |  |  |  |  |       |  |       |  |
| -2/ -3       | .1                                  |            |           |            |          |                                    |                    |                    |                    |                    |                    |       |       |       |       |       |     | 1         | 1        | 3        | 6         |  |  |  |  |  |  |  |  |  |       |  |       |  |
| -4/ -7       | .3                                  |            |           |            |          |                                    |                    |                    |                    |                    |                    |       |       |       |       |       |     | 2         | 2        | 2        | 1         |  |  |  |  |  |  |  |  |  |       |  |       |  |
| -6/ -9       |                                     |            |           |            |          |                                    |                    |                    |                    |                    |                    |       |       |       |       |       |     |           |          |          | 2         |  |  |  |  |  |  |  |  |  |       |  |       |  |
| -8/ -11      |                                     |            |           |            |          |                                    |                    |                    |                    |                    |                    |       |       |       |       |       |     |           |          |          | 1         |  |  |  |  |  |  |  |  |  |       |  |       |  |
| -10/ -13     |                                     |            |           |            |          |                                    |                    |                    |                    |                    |                    |       |       |       |       |       |     |           |          |          | 2         |  |  |  |  |  |  |  |  |  |       |  |       |  |
| -12/ -15     |                                     |            |           |            |          |                                    |                    |                    |                    |                    |                    |       |       |       |       |       |     |           |          |          | 1         |  |  |  |  |  |  |  |  |  |       |  |       |  |
| Element (X)  | $\Sigma X^2$                        | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature |                    |                    |                    |                    |                    |       |       |       |       |       |     |           |          |          |           |  |  |  |  |  |  |  |  |  |       |  |       |  |
| Rel. Hum.    |                                     |            |           |            |          | $\leq 0\text{ F}$                  | $\leq 32\text{ F}$ | $\leq 67\text{ F}$ | $\leq 73\text{ F}$ | $\leq 80\text{ F}$ | $\leq 93\text{ F}$ | Total |       |       |       |       |     |           |          |          |           |  |  |  |  |  |  |  |  |  |       |  |       |  |
| Dry Bulb     |                                     |            |           |            |          |                                    |                    |                    |                    |                    |                    |       |       |       |       |       |     |           |          |          |           |  |  |  |  |  |  |  |  |  |       |  |       |  |
| Wet Bulb     |                                     |            |           |            |          |                                    |                    |                    |                    |                    |                    |       |       |       |       |       |     |           |          |          |           |  |  |  |  |  |  |  |  |  |       |  |       |  |
| Dew Point    |                                     |            |           |            |          |                                    |                    |                    |                    |                    |                    |       |       |       |       |       |     |           |          |          |           |  |  |  |  |  |  |  |  |  |       |  |       |  |

## PSYCHROMETRIC SUMMARY

73-61

YEARS

APR

PAGE 2 1200-1400

[illegible]

## PSYCHROMETRIC SUMMARY

702350      SPARREVOHN AFS AK  
STATION      STATION

73-81

APR

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[illegible]

## PSYCHROMETRIC SUMMARY

73-51

APR

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[illegible]

## PSYCHROMETRIC SUMMARY

702350 SPARREVOHN AFS AK  
STATION STATION

73, 75, 77-81

ADP

PAGE 1 1620-2200

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |            |              |              |              |           |                                    |            |            |            |            |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  | TOTAL |  | TOTAL |  |
|--------------|-------------------------------------|------------|--------------|--------------|--------------|-----------|------------------------------------|------------|------------|------------|------------|-------|-------|-------|-------|-------|----|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
|              | 0                                   | 1-2        | 3-4          | 5-6          | 7-8          | 9-10      | 11-12                              | 13-14      | 15-16      | 17-18      | 19-20      | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 54/ 53       |                                     |            |              |              | .3           |           |                                    |            |            |            |            |       |       |       |       |       |    | 2         | 2        |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 52/ 51       |                                     |            |              |              | .2           |           |                                    |            |            |            |            |       |       |       |       |       |    | 1         | 1        |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 48/ 47       |                                     |            |              |              | .2           | .5        |                                    |            |            |            |            |       |       |       |       |       |    | 4         | 4        |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 46/ 45       |                                     |            |              |              | .5           | .5        |                                    |            |            |            |            |       |       |       |       |       |    | 6         | 6        | 2        |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 44/ 43       |                                     |            | .5           | .8           | 1.3          | .6        |                                    |            |            |            |            |       |       |       |       |       |    | 20        | 27       | 1        |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 42/ 41       |                                     |            | .6           | 1.4          | .6           |           |                                    |            |            |            |            |       |       |       |       |       |    | 17        | 17       |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 40/ 39       |                                     |            | 1.6          | 2.2          | 1.3          | .2        |                                    |            |            |            |            |       |       |       |       |       |    | 33        | 33       | 6        |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 36/ 37       |                                     | 1.3        | 2.2          | 4.1          | 1.1          |           |                                    |            |            |            |            |       |       |       |       |       |    | 55        | 55       | 21       |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 36/ 35       |                                     | 3.0        | 4.9          | 3.8          | .5           |           |                                    |            |            |            |            |       |       |       |       |       |    | 77        | 77       | 41       | 3         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 34/ 33       | .5                                  | 4.0        | 4.0          | 1.7          | .3           |           |                                    |            |            |            |            |       |       |       |       |       |    | 66        | 66       | 72       | 17        |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 32/ 31       | 2.7                                 | 7.8        | 5.6          | .5           |              |           |                                    |            |            |            |            |       |       |       |       |       |    | 104       | 104      | 179      | 62        |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 30/ 29       | 1.1                                 | 4.8        | 2.1          | .6           | .2           |           |                                    |            |            |            |            |       |       |       |       |       |    | 55        | 55       | 101      | 34        |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 28/ 27       | 1.7                                 | 4.3        | 1.7          | .3           |              |           |                                    |            |            |            |            |       |       |       |       |       |    | 51        | 51       | 87       | 74        |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 26/ 25       |                                     | 2.2        | 2.2          | .2           |              |           |                                    |            |            |            |            |       |       |       |       |       |    | 29        | 29       | 44       | 84        |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 24/ 23       |                                     | 1.4        | 1.1          |              |              |           |                                    |            |            |            |            |       |       |       |       |       |    | 16        | 16       | 27       | 59        |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 22/ 21       | .3                                  | 1.9        | .8           | .3           |              |           |                                    |            |            |            |            |       |       |       |       |       |    | 21        | 21       | 26       | 61        |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 20/ 19       | .3                                  | 1.3        | 1.3          |              |              |           |                                    |            |            |            |            |       |       |       |       |       |    | 18        | 18       | 20       | 67        |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 18/ 17       |                                     | .8         | .5           |              |              |           |                                    |            |            |            |            |       |       |       |       |       |    | 8         | 8        | 15       | 21        |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 16/ 15       |                                     | .8         | .3           |              |              |           |                                    |            |            |            |            |       |       |       |       |       |    | 7         | 7        | 11       | 23        |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 14/ 13       | .2                                  | 1.7        | .2           |              |              |           |                                    |            |            |            |            |       |       |       |       |       |    | 13        | 13       | 11       | 23        |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 12/ 11       |                                     | 1.0        |              |              |              |           |                                    |            |            |            |            |       |       |       |       |       |    | 6         | 6        | 9        | 26        |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 10/ 9        |                                     | .5         |              |              |              |           |                                    |            |            |            |            |       |       |       |       |       |    | 3         | 3        | 6        | 12        |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 8/ 7         |                                     | .8         |              |              |              |           |                                    |            |            |            |            |       |       |       |       |       |    | 5         | 5        | 3        | 10        |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 6/ 5         |                                     | .6         |              |              |              |           |                                    |            |            |            |            |       |       |       |       |       |    | 4         | 4        | 8        | 5         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 4/ 3         | .2                                  | .2         |              |              |              |           |                                    |            |            |            |            |       |       |       |       |       |    | 2         | 2        | 3        | 5         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 2/ 1         | .2                                  |            |              |              |              |           |                                    |            |            |            |            |       |       |       |       |       |    | 1         | 1        | 1        | 15        |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 0/ -1        |                                     | .3         |              |              |              |           |                                    |            |            |            |            |       |       |       |       |       |    | 2         | 2        |          | 13        |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| -2/ -3       | .2                                  |            |              |              |              |           |                                    |            |            |            |            |       |       |       |       |       |    | 1         | 1        | 3        | 5         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| -4/ -5       | .5                                  |            |              |              |              |           |                                    |            |            |            |            |       |       |       |       |       |    | 3         | 3        | 3        | 5         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| -6/ -9       |                                     |            |              |              |              |           |                                    |            |            |            |            |       |       |       |       |       |    |           |          |          | 2         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| -10/-11      |                                     |            |              |              |              |           |                                    |            |            |            |            |       |       |       |       |       |    |           |          |          | 1         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| -14/-15      |                                     |            |              |              |              |           |                                    |            |            |            |            |       |       |       |       |       |    |           |          |          | 3         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| TOTAL        | 7.8                                 | 38.6       | 29.5         | 16.0         | 6.3          | 1.7       |                                    |            |            |            |            |       |       |       |       |       |    | 630       | 637      |          | 630       |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| Element (X)  | $\Sigma x^1$                        | $\Sigma x$ | $\Sigma x^2$ | $\Sigma x^3$ | $\Sigma x^4$ | No. Obs.  | Mean No. of Hours with Temperature |            |            |            |            |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| Rel. Hum.    | 3199195                             | 43823      | 69.615       | 486          | 632          | $\pm 0$ F | $\pm 32$ F                         | $\pm 67$ F | $\pm 73$ F | $\pm 80$ F | $\pm 93$ F |       |       |       |       | Total |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| Dry Bulb     | 637772                              | 19286      | 30.6         | 8.679        | 630          | .9        | 49.9                               |            |            |            |            |       |       |       |       | 90    |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| Wet Bulb     | 514155                              | 17341      | 27.5         | 7.653        | 630          | .9        | 69.6                               |            |            |            |            |       |       |       |       | 90    |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| Dew Point    | 335367                              | 13371      | 21.2         | 9.056        | 630          | 4.1       | 87.1                               |            |            |            |            |       |       |       |       | 90    |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

7-2300 STATION SPARREVOHN AFS AK 73-75-81 YEARS APR  
PAGE 1 2400-2300

| Temp<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |     |     |            |     |      |           |       |       |            |       |       |          |       |       |  |    |     |     |  |  |  |  |  |  |  |  |  |  |  |       |  |  | TOTAL<br>D.B. W.B. | TOTAL<br>Dry Bulb<br>Wet Bulb<br>Dew Point |
|-------------|-------------------------------------|-----|-----|------------|-----|------|-----------|-------|-------|------------|-------|-------|----------|-------|-------|--|----|-----|-----|--|--|--|--|--|--|--|--|--|--|--|-------|--|--|--------------------|--|
|             | 0                                   | 1-2 | 3-4 | 5-6        | 7-8 | 9-10 | 11-12     | 13-14 | 15-16 | 17-18      | 19-20 | 21-22 | 23-24    | 25-26 | 27-28 | 29-30  | 31 |     |     |  |  |  |  |  |  |  |  |  |  |  |       |  |  |                    |  |
| 45/45       |                                     |     |     |            | .5  |      |           |       |       |            |       |       |          |       |       |  |    | 3   | 3   |  |  |  |  |  |  |  |  |  |  |  |       |  |  |                    |  |
| 44/47       |                                     |     |     |            |     | .2   |           |       |       |            |       |       |          |       |       |  |    | 1   | 1   |  |  |  |  |  |  |  |  |  |  |  |       |  |  |                    |  |
| 46/45       |                                     |     |     | .3         | .2  |      |           |       |       |            |       |       |          |       |       |  |    | 3   | 3   |  |  |  |  |  |  |  |  |  |  |  |       |  |  |                    |  |
| 44/43       |                                     |     |     |            | .3  |      |           |       |       |            |       |       |          |       |       |  |    | 2   | 2   |  |  |  |  |  |  |  |  |  |  |  |       |  |  |                    |  |
| 42/41       |                                     |     | .3  | .3         | .3  |      |           |       |       |            |       |       |          |       |       |  |    | 6   | 6   |  |  |  |  |  |  |  |  |  |  |  |       |  |  |                    |  |
| 40/39       |                                     |     | .3  | 1.1        | .3  |      |           |       |       |            |       |       |          |       |       |  |    | 11  | 11  |  |  |  |  |  |  |  |  |  |  |  |       |  |  |                    |  |
| 38/37       |                                     | .6  | 2.1 | 2.4        | .5  | .2   |           |       |       |            |       |       |          |       |       |  |    | 38  | 38  |  |  |  |  |  |  |  |  |  |  |  |       |  |  |                    |  |
| 36/35       |                                     | 2.0 | 1.8 | 6.1        | .5  |      |           |       |       |            |       |       |          |       |       |  |    | 68  | 68  |  |  |  |  |  |  |  |  |  |  |  |       |  |  |                    |  |
| 34/33       |                                     | 3.9 | 4.6 | 3.0        | .2  |      |           |       |       |            |       |       |          |       |       |  |    | 77  | 77  |  |  |  |  |  |  |  |  |  |  |  |       |  |  |                    |  |
| 32/31       | 1.5                                 | 7.4 | 6.4 | .9         | .2  |      |           |       |       |            |       |       |          |       |       |  |    | 108 | 108 |  |  |  |  |  |  |  |  |  |  |  |       |  |  |                    |  |
| 30/29       | 1.7                                 | 5.3 | 2.0 | .6         | .5  |      |           |       |       |            |       |       |          |       |       |  |    | 66  | 66  |  |  |  |  |  |  |  |  |  |  |  |       |  |  |                    |  |
| 28/27       | 2.0                                 | 4.9 | 2.6 | .3         |     |      |           |       |       |            |       |       |          |       |       |  |    | 64  | 64  |  |  |  |  |  |  |  |  |  |  |  |       |  |  |                    |  |
| 26/25       | .3                                  | 3.2 | 2.4 | .2         |     |      |           |       |       |            |       |       |          |       |       |  |    | 40  | 40  |  |  |  |  |  |  |  |  |  |  |  |       |  |  |                    |  |
| 24/23       | .3                                  | 2.0 | 1.8 |            |     |      |           |       |       |            |       |       |          |       |       |  |    | 27  | 27  |  |  |  |  |  |  |  |  |  |  |  |       |  |  |                    |  |
| 22/21       | .8                                  | 2.7 | 1.5 | .2         |     |      |           |       |       |            |       |       |          |       |       |  |    | 34  | 34  |  |  |  |  |  |  |  |  |  |  |  |       |  |  |                    |  |
| 20/19       | .9                                  | 2.9 | 1.4 | .2         |     |      |           |       |       |            |       |       |          |       |       |  |    | 35  | 35  |  |  |  |  |  |  |  |  |  |  |  |       |  |  |                    |  |
| 18/17       | .5                                  | .6  | .3  |            |     |      |           |       |       |            |       |       |          |       |       |  |    | 9   | 9   |  |  |  |  |  |  |  |  |  |  |  |       |  |  |                    |  |
| 16/15       | .2                                  | 1.4 | .5  |            |     |      |           |       |       |            |       |       |          |       |       |  |    | 13  | 13  |  |  |  |  |  |  |  |  |  |  |  |       |  |  |                    |  |
| 14/13       | .2                                  | 1.1 | .5  |            |     |      |           |       |       |            |       |       |          |       |       |  |    | 11  | 11  |  |  |  |  |  |  |  |  |  |  |  |       |  |  |                    |  |
| 12/11       |                                     | .8  | .5  |            |     |      |           |       |       |            |       |       |          |       |       |  |    | 8   | 8   |  |  |  |  |  |  |  |  |  |  |  |       |  |  |                    |  |
| 10/9        |                                     | 1.7 | .2  |            |     |      |           |       |       |            |       |       |          |       |       |  |    | 12  | 12  |  |  |  |  |  |  |  |  |  |  |  |       |  |  |                    |  |
| 8/7         |                                     | .9  |     |            |     |      |           |       |       |            |       |       |          |       |       |  |    | 5   | 5   |  |  |  |  |  |  |  |  |  |  |  |       |  |  |                    |  |
| 6/5         |                                     | .9  |     |            |     |      |           |       |       |            |       |       |          |       |       |  |    | 6   | 6   |  |  |  |  |  |  |  |  |  |  |  |       |  |  |                    |  |
| 4/3         | .2                                  | .3  |     |            |     |      |           |       |       |            |       |       |          |       |       |  |    | 3   | 3   |  |  |  |  |  |  |  |  |  |  |  |       |  |  |                    |  |
| 2/1         |                                     | .2  |     |            |     |      |           |       |       |            |       |       |          |       |       |  |    | 1   | 1   |  |  |  |  |  |  |  |  |  |  |  |       |  |  |                    |  |
| 0/-1        |                                     | .2  |     |            |     |      |           |       |       |            |       |       |          |       |       |  |    | 1   | 1   |  |  |  |  |  |  |  |  |  |  |  |       |  |  |                    |  |
| -2/-3       | .6                                  |     |     |            |     |      |           |       |       |            |       |       |          |       |       |  |    | 1   | 1   |  |  |  |  |  |  |  |  |  |  |  |       |  |  |                    |  |
| -4/-5       | .2                                  | .2  |     |            |     |      |           |       |       |            |       |       |          |       |       |  |    | 2   | 2   |  |  |  |  |  |  |  |  |  |  |  |       |  |  |                    |  |
| -6/-7       | .2                                  |     |     |            |     |      |           |       |       |            |       |       |          |       |       |  |    | 1   | 1   |  |  |  |  |  |  |  |  |  |  |  |       |  |  |                    |  |
| -8/-9       |                                     |     |     |            |     |      |           |       |       |            |       |       |          |       |       |  |    |     |     |  |  |  |  |  |  |  |  |  |  |  |       |  |  |                    |  |
| -10/-11     |                                     |     |     |            |     |      |           |       |       |            |       |       |          |       |       |  |    |     |     |  |  |  |  |  |  |  |  |  |  |  |       |  |  |                    |  |
| -12/-13     |                                     |     |     |            |     |      |           |       |       |            |       |       |          |       |       |  |    |     |     |  |  |  |  |  |  |  |  |  |  |  |       |  |  |                    |  |
| -14/-15     |                                     |     |     |            |     |      |           |       |       |            |       |       |          |       |       |  |    |     |     |  |  |  |  |  |  |  |  |  |  |  |       |  |  |                    |  |
| -16/-17     |                                     |     |     |            |     |      |           |       |       |            |       |       |          |       |       |  |    |     |     |  |  |  |  |  |  |  |  |  |  |  |       |  |  |                    |  |
| Element (X) | $\Sigma X^2$                        |     |     | $\Sigma X$ |     |      | $\bar{X}$ |       |       | $\sigma_x$ |       |       | No. Obs. |       |       | Mean No. of Hours with Temperature                 |    |     |     |  |  |  |  |  |  |  |  |  |  |  | Total |  |  |                    |  |
| Rel. Hum.   |                                     |     |     |            |     |      |           |       |       |            |       |       |          |       |       | ≤ 0 F   ≤ 12 F   ≤ 67 F   ≤ 73 F   ≤ 80 F   ≤ 93 F |    |     |     |  |  |  |  |  |  |  |  |  |  |  |       |  |  |                    |  |
| Dry Bulb    |                                     |     |     |            |     |      |           |       |       |            |       |       |          |       |       |  |    |     |     |  |  |  |  |  |  |  |  |  |  |  |       |  |  |                    |  |
| Wet Bulb    |                                     |     |     |            |     |      |           |       |       |            |       |       |          |       |       |  |    |     |     |  |  |  |  |  |  |  |  |  |  |  |       |  |  |                    |  |
| Dew Point   |                                     |     |     |            |     |      |           |       |       |            |       |       |          |       |       |  |    |     |     |  |  |  |  |  |  |  |  |  |  |  |       |  |  |                    |  |

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## PSYCHROMETRIC SUMMARY

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## PSYCHROMETRIC SUMMARY

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## PSYCHROMETRIC SUMMARY

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| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  | TOTAL |  | TOTAL |  |
|--------------|-------------------------------------|------|------|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
|              | 0                                   | 1-2  | 3-4  | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 57           |                                     |      |      |     |     |      | .1    |       |       |       |       |       |       |       |       |       |    | 1         |          | 1        |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 56           |                                     |      |      |     | .1  | .5   |       |       |       |       |       |       |       |       |       |       |    | 5         |          | 5        |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 55           |                                     |      |      | .2  | .2  |      | .1    |       |       |       |       |       |       |       |       |       |    | 5         |          | 5        |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 54           |                                     |      |      | .1  | .4  | .4   |       |       |       |       |       |       |       |       |       |       |    | 7         |          | 7        |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 49           |                                     |      | .2   | .2  | 1.4 | .7   |       |       |       |       |       |       |       |       |       |       |    | 22        | 22       |          | 1         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 48           |                                     |      |      | .7  | .9  | .4   |       |       |       |       |       |       |       |       |       |       |    | 16        | 16       |          | 3         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 47           |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |    | 17        | 17       |          | 10        |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 46           |                                     |      | .5   | 1.2 | .4  |      |       |       |       |       |       |       |       |       |       |       |    | 48        | 48       |          | 12        |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 45           |                                     |      |      | .7  | 4.1 | 3.7  | 1.1   |       |       |       |       |       |       |       |       |       |    | 80        | 80       |          | 6         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 44           |                                     |      | 2.2  | 4.8 | 4.7 | 2.6  |       |       |       |       |       |       |       |       |       |       |    | 119       | 119      |          | 13        |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 43           |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 42           |                                     | .5   | 3.1  | 5.0 | 3.7 | .5   |       |       |       |       |       |       |       |       |       |       |    | 115       | 115      |          | 32        |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 41           |                                     | 1.1  | 6.5  | 7.7 | 1.9 | .4   |       |       |       |       |       |       |       |       |       |       |    | 146       | 146      |          | 33        |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 40           |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |    | 105       | 105      |          | 79        |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 39           |                                     | 1.3  | 6.1  | 4.7 | .5  |      |       |       |       |       |       |       |       |       |       |       |    | 85        | 85       |          | 157       |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 38           |                                     | 2.2  | 4.4  | 3.3 | .2  |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 37           |                                     | 1.7  | 1.6  | .4  |     |      |       |       |       |       |       |       |       |       |       |       |    | 32        | 32       |          | 119       |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 36           |                                     | 1.4  | .5   | .2  |     |      |       |       |       |       |       |       |       |       |       |       |    | 18        | 18       |          | 121       |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 35           |                                     | .5   | .7   | .1  |     |      |       |       |       |       |       |       |       |       |       |       |    | 12        | 12       |          | 122       |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 34           |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          | 7        | 21        |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 33           |                                     |      |      | .4  |     |      |       |       |       |       |       |       |       |       |       |       |    | 3         | 3        |          | 52        |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 32           |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          | 12        |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 31           |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          | 5         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 30           |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          | 1         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 29           |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          | 2         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 28           |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          | 1         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 27           |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          | 1         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| TOTAL        | 5.72                                | 6.43 | 4.22 | 3.0 | 9.5 | 2.0  | .1    |       |       |       |       |       |       |       |       |       |    | 936       | 936      | 536      | 836       |  |  |  |  |  |  |  |  |  |  |       |  |       |  |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Mours with Temperature |        |        |        |        |        | Total |
|-------------|--------------|------------|-----------|------------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
| Rel. Hum.   | 4514028      | 60112      | 72.38     | 4.691      | 836      | + 0 F                              | + 32 F | + 67 F | + 73 F | + 80 F | + 93 F |       |
| Dry Bulb    | 1188427      | 31177      | 37.3      | 5.552      | 836      |                                    | 16.7   |        |        |        |        | 23    |
| Wet Bulb    | 969777       | 28247      | 33.8      | 4.289      | 836      |                                    | 37.8   |        |        |        |        | 23    |
| Dew Point   | 701953       | 23865      | 28.5      | 4.977      | 836      |                                    | 74.9   |        |        |        |        |       |

## PSYCHROMETRIC SUMMARY

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| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |      |      |      |      |      |       |       |       |       |       |       |       |       |       |       |       |      |          |          |          |     |  |  |  |  |  |  |  |  |  |  |  | TOTAL |  | TOTAL |  |
|--------------|-------------------------------------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|----------|----------|----------|-----|--|--|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
|              | 0                                   | 1-2  | 3-4  | 5-6  | 7-8  | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31-33 | W.B. | Dry Bulb | Wet Bulb | Dry Bulb |     |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 59           |                                     |      |      |      |      | .4   | .1    |       |       |       |       |       |       |       |       |       |       | 6    | 4        |          |          |     |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 57           |                                     |      |      |      |      |      | .7    |       |       |       |       |       |       |       |       |       |       | 6    | 5        |          |          |     |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 55           |                                     |      |      |      | .5   | .5   | .4    |       |       |       |       |       |       |       |       |       |       | 11   | 11       |          |          |     |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 53           |                                     |      |      | .2   | .5   | .5   | .1    |       |       |       |       |       |       |       |       |       |       | 11   | 11       |          |          |     |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 51           |                                     |      | .1   | .5   | .6   | .7   |       |       |       |       |       |       |       |       |       |       |       | 16   | 16       |          |          |     |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 49           |                                     |      | .1   | .8   | 1.4  | .7   |       |       |       |       |       |       |       |       |       |       |       | 25   | 25       |          | 3        |     |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 47           |                                     |      | 1.0  | 1.2  | 1.0  | .5   |       |       |       |       |       |       |       |       |       |       |       | 30   | 37       |          | 13       |     |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 45           | .1                                  | .7   | .7   | 3.7  | 1.4  | .5   |       |       |       |       |       |       |       |       |       |       |       | 54   | 54       | 21       | 1        |     |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 43           |                                     | .6   | 2.9  | 5.3  | 3.0  | .6   |       |       |       |       |       |       |       |       |       |       |       | 103  | 103      | 76       | 3        |     |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 41           |                                     | .6   | 5.4  | 4.3  | 2.4  |      |       |       |       |       |       |       |       |       |       |       |       | 176  | 106      | 44       | 15       |     |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 39           |                                     | 2.3  | 4.8  | 4.1  | 1.2  |      |       |       |       |       |       |       |       |       |       |       |       | 103  | 103      | 73       | 24       |     |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 37           | .9                                  | 3.1  | 5.7  | 3.2  |      |      |       |       |       |       |       |       |       |       |       |       |       | 109  | 109      | 102      | 33       |     |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 35           | .5                                  | 2.6  | 4.9  | 1.3  |      |      |       |       |       |       |       |       |       |       |       |       |       | 78   | 78       | 155      | 52       |     |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 33           | 2.2                                 | 4.2  | 2.5  | .1   |      |      |       |       |       |       |       |       |       |       |       |       |       | 74   | 74       | 145      | 95       |     |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 31           | 2.3                                 | 2.4  | 1.1  | .1   |      |      |       |       |       |       |       |       |       |       |       |       |       | 49   | 49       | 175      | 109      |     |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 29           | 1.3                                 | 1.2  | .5   | .2   |      |      |       |       |       |       |       |       |       |       |       |       |       | 23   | 23       | 55       | 117      |     |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 27           | 1.3                                 | 1.2  |      | .1   |      |      |       |       |       |       |       |       |       |       |       |       |       | 22   | 22       | 27       | 141      |     |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 25           | .2                                  | .5   |      |      |      |      |       |       |       |       |       |       |       |       |       |       |       | 6    | 6        | 13       | 45       |     |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 23           |                                     |      |      |      |      |      |       |       |       |       |       |       |       |       |       |       |       |      |          |          | 45       |     |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 21           |                                     |      |      |      |      |      |       |       |       |       |       |       |       |       |       |       |       |      |          |          | 40       |     |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 19           |                                     |      |      |      |      |      |       |       |       |       |       |       |       |       |       |       |       |      |          |          | 23       |     |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 17           |                                     |      |      |      |      |      |       |       |       |       |       |       |       |       |       |       |       |      |          |          | 5        |     |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 15           |                                     |      |      |      |      |      |       |       |       |       |       |       |       |       |       |       |       |      |          |          | 2        |     |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 13           |                                     |      |      |      |      |      |       |       |       |       |       |       |       |       |       |       |       |      |          |          | 1        |     |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 11           |                                     |      |      |      |      |      |       |       |       |       |       |       |       |       |       |       |       |      |          |          | 2        |     |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| TOTAL        | 3.6                                 | 19.5 | 29.8 | 24.5 | 12.2 | 4.3  | 1.7   |       |       |       |       |       |       |       |       |       |       |      |          | 836      | 836      | 836 |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |

## PSYCHROMETRIC SUMMARY

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| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |     |  |  |  |  |  |  |  |  |  | TOTAL |  | TOTAL |  |
|--------------|-------------------------------------|------|------|------|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|-----------|----------|----------|-----------|-----|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
|              | 0                                   | 1-2  | 3-4  | 5-6  | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dry Point |     |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 65           |                                     |      |      |      |     |      |       | .4    | .2    |       |       |       |       |       |       |       |    | 5         | 5        |          |           |     |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 60           |                                     |      |      |      |     |      |       | .6    |       |       |       |       |       |       |       |       |    | 5         | 5        |          |           |     |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 61           |                                     |      |      |      |     | .5   | .2    | .4    |       |       |       |       |       |       |       |       |    | 9         | 9        |          |           |     |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 59           |                                     |      |      |      |     | .7   | .8    | .5    |       |       |       |       |       |       |       |       |    | 17        | 17       |          |           |     |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 57           |                                     |      |      |      | .2  | .4   | .7    |       |       |       |       |       |       |       |       |       |    | 11        | 11       |          |           |     |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 55           |                                     |      |      | .1   | .5  | .7   | .5    |       |       |       |       |       |       |       |       |       |    | 15        | 15       |          |           |     |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 53           |                                     |      | .5   | 1.1  | 1.3 | 1.3  | .4    |       |       |       |       |       |       |       |       |       |    | 26        | 26       |          |           |     |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 51           |                                     | .5   | 1.1  | 1.3  | 2.2 | 1.1  | .1    |       |       |       |       |       |       |       |       |       |    | 55        | 55       |          | 9         |     |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 49           | .1                                  | .5   | 1.9  | 4.2  | 1.7 | .5   |       |       |       |       |       |       |       |       |       |       |    | 74        | 74       |          | 19        |     |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 47           |                                     | 1.4  | 4.5  | 3.8  | 2.3 | .2   |       |       |       |       |       |       |       |       |       |       |    | 103       | 103      |          | 27        |     |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 45           | .4                                  | 1.3  | 4.9  | 4.5  | 1.2 | .1   |       |       |       |       |       |       |       |       |       |       |    | 104       | 104      |          | 47        |     |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 43           | .4                                  | 2.6  | 5.2  | 3.2  | .6  |      |       |       |       |       |       |       |       |       |       |       |    | 90        | 90       |          | 11        |     |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 41           | 1.4                                 | 2.3  | 4.5  | 2.7  |     |      |       |       |       |       |       |       |       |       |       |       |    | 90        | 90       |          | 102       |     |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 39           | .4                                  | 1.4  | 1.8  | 2.8  | .6  |      |       |       |       |       |       |       |       |       |       |       |    | 66        | 66       |          | 163       |     |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 37           | .4                                  | 3.3  | 1.9  | 1.2  |     |      |       |       |       |       |       |       |       |       |       |       |    | 47        | 47       |          | 131       |     |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 35           | .5                                  | 1.8  | 1.4  | .1   |     |      |       |       |       |       |       |       |       |       |       |       |    | 32        | 32       |          | 114       |     |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 33           | .7                                  | 2.5  | .7   | .4   |     |      |       |       |       |       |       |       |       |       |       |       |    | 36        | 36       |          | 63        |     |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 31           | .3                                  | 1.6  | .8   | .2   |     |      |       |       |       |       |       |       |       |       |       |       |    | 31        | 31       |          | 49        |     |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 29           | .2                                  | .4   | .1   |      |     |      |       |       |       |       |       |       |       |       |       |       |    | 6         | 6        |          | 24        |     |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 27           | .4                                  | .7   | .2   |      |     |      |       |       |       |       |       |       |       |       |       |       |    | 11        | 11       |          | 13        |     |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 25           | .2                                  | .1   |      |      |     |      |       |       |       |       |       |       |       |       |       |       |    | 3         | 3        |          | 10        |     |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 23           |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |     |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 21           |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |     |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 19           |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |     |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 17           |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |     |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 15           |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |     |  |  |  |  |  |  |  |  |  |       |  |       |  |
| TOTAL        | 1.5                                 | 13.3 | 34.7 | 32.6 | 9.2 | 1.2  | 1.4   | 4.5   | 1.0   | .2    |       |       |       |       |       |       |    | 836       |          | 836      |           | 936 |  |  |  |  |  |  |  |  |  |       |  |       |  |

| Element (X) | Z <sub>X</sub> | Z <sub>X</sub> | X̄   | s <sub>x</sub> | No. Obs. | Mean No. of Hours with Temperature |      |      |      |      |  | Total |
|-------------|----------------|----------------|------|----------------|----------|------------------------------------|------|------|------|------|--|-------|
| Rel. Hum.   | 3372745        | 51415          | 61.5 | 5.884          | 836      | 50 F                               | 53 F | 57 F | 60 F | 63 F |  |       |
| Dry Bulb    | 1685337        | 37257          | 44.3 | 7.300          | 836      |                                    | 5.7  |      |      |      |  |       |
| Wet Bulb    | 1262817        | 32211          | 38.5 | 5.101          | 836      |                                    | 10.9 |      |      |      |  |       |
| Dew Point   | 827245         | 25909          | 31.0 | 5.393          | 836      |                                    | 58.1 |      |      |      |  |       |

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

73-61 SPARREVOHN AFS AK

73-61

MAY

PAGE 1 1400-1400

| Temp<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |      |      |      |      |      |     |     |     |    |    |    |    |    |    |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           | TOTAL     |          | TOTAL     |  |
|-------------|-------------------------------------|------|------|------|------|------|-----|-----|-----|----|----|----|----|----|----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----------|-----------|----------|-----------|--|
|             | 0                                   | 1    | 2    | 3    | 4    | 5    | 6   | 7   | 8   | 9  | 10 | 11 | 12 | 13 | 14 | 15  | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. W.B. | D.B. W.B. | Wet Bulb | Dew Point |  |
| 71 / 71     |                                     |      |      |      |      |      |     |     |     |    |    |    |    |    |    |     |    |    |    |    |    | .1 |    |    |    |    |    |    |    |    |    |    | 1         | 1         |          |           |  |
| 70 / 69     |                                     |      |      |      |      |      |     |     |     |    |    |    |    |    |    |     |    |    | .4 |    |    |    |    |    |    |    |    |    |    |    |    |    | 3         | 3         |          |           |  |
| 69 / 67     |                                     |      |      |      |      |      |     |     |     |    |    |    |    |    |    |     |    |    |    |    | .6 |    |    |    |    |    |    |    |    |    |    |    | 5         | 5         |          |           |  |
| 68 / 65     |                                     |      |      |      |      |      |     |     |     |    |    |    | .4 |    | .7 | 1.0 |    |    | .1 |    |    |    |    |    |    |    |    |    |    |    |    | 18 | 18        |           |          |           |  |
| 67 / 63     |                                     |      |      |      |      |      |     |     |     |    |    | .5 | .5 |    | .4 |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 11        | 11        |          |           |  |
| 66 / 62     |                                     |      |      |      |      |      |     |     |     |    | .4 | .6 |    |    | .6 |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 13        | 13        |          |           |  |
| 65 / 59     |                                     |      |      |      |      |      |     |     |     | .1 | .5 | .5 |    |    |    |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 9         | 9         |          |           |  |
| 64 / 57     |                                     |      |      |      | .1   | .5   | .7  | .2  | .6  |    |    |    |    |    |    |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 18        | 18        |          |           |  |
| 63 / 55     |                                     |      | .1   | .2   | .5   | 1.1  | 1.0 | .5  |     |    |    |    |    |    |    |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 28        | 28        |          |           |  |
| 62 / 53     |                                     |      |      | .5   | 1.3  | 2.0  | 1.2 | .1  |     |    |    |    |    |    |    |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 43        | 43        | 5        |           |  |
| 61 / 51     |                                     |      | .6   | 1.2  | 3.1  | 2.9  | 1.3 |     |     |    |    |    |    |    |    |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 76        | 76        | 25       |           |  |
| 60 / 47     |                                     |      | .5   | 1.6  | 4.5  | 4.0  | 1.1 |     |     |    |    |    |    |    |    |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 98        | 98        | 27       |           |  |
| 59 / 47     |                                     | .1   | 1.4  | 3.4  | 5.7  | 1.9  | .7  |     |     |    |    |    |    |    |    |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 111       | 111       | 30       | 1         |  |
| 58 / 45     |                                     | 1.1  | 1.4  | 4.0  | 4.1  | .8   |     |     |     |    |    |    |    |    |    |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 95        | 95        | 47       | 2         |  |
| 57 / 43     |                                     | .4   | 2.8  | 4.3  | 2.0  | .6   |     |     |     |    |    |    |    |    |    |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 64        | 64        | 97       | 16        |  |
| 56 / 41     |                                     | 1.3  | 1.7  | 2.2  | 2.2  |      |     |     |     |    |    |    |    |    |    |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 61        | 61        | 131      | 32        |  |
| 55 / 39     |                                     | 1.9  | 1.7  | 1.3  | .4   |      |     |     |     |    |    |    |    |    |    |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 44        | 44        | 159      | 42        |  |
| 54 / 37     | .1                                  | 1.7  | 2.6  | .4   |      |      |     |     |     |    |    |    |    |    |    |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 40        | 40        | 120      | 66        |  |
| 53 / 35     | .5                                  | 2.0  | 1.1  | .1   |      |      |     |     |     |    |    |    |    |    |    |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 31        | 31        | 92       | 98        |  |
| 52 / 33     | .4                                  | .6   | 1.0  | .1   |      |      |     |     |     |    |    |    |    |    |    |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 17        | 17        | 55       | 108       |  |
| 51 / 31     | .2                                  | .8   | 1.1  |      |      |      |     |     |     |    |    |    |    |    |    |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 18        | 18        | 16       | 150       |  |
| 50 / 29     |                                     | .2   | .4   |      |      |      |     |     |     |    |    |    |    |    |    |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 5         | 5         | 17       | 92        |  |
| 49 / 27     |                                     | .5   |      |      |      |      |     |     |     |    |    |    |    |    |    |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 4         | 4         | 13       | 61        |  |
| 48 / 25     |                                     | .2   |      |      |      |      |     |     |     |    |    |    |    |    |    |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 2         | 2         | 3        | 65        |  |
| 47 / 23     |                                     |      |      |      |      |      |     |     |     |    |    |    |    |    |    |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |           |          | 25        |  |
| 46 / 21     |                                     |      |      |      |      |      |     |     |     |    |    |    |    |    |    |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |           |          | 33        |  |
| 45 / 19     |                                     |      |      |      |      |      |     |     |     |    |    |    |    |    |    |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |           |          | 20        |  |
| 44 / 17     |                                     |      |      |      |      |      |     |     |     |    |    |    |    |    |    |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |           |          | 2         |  |
| TOTAL       | 1.2                                 | 10.9 | 16.4 | 19.3 | 24.3 | 14.5 | 7.4 | 3.5 | 1.9 | .5 | .1 |    |    |    |    |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 835       | 835       | 835      | 835       |  |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{x}$ | $s^2$  | No. Obs. | Mean No. of Hours with Temperature |        |        |        |        |        | Total |
|-------------|--------------|------------|-----------|--------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
| Rel. Hum.   | 3027237      | 48449      | 58.2      | 16.089 | 835      | ± 0 F                              | ± 32 F | ± 67 F | ± 73 F | ± 80 F | ± 93 F |       |
| Dry Bulb    | 1875029      | 39039      | 46.8      | 7.732  | 835      |                                    | 3.2    | 1.0    |        |        |        | 93    |
| Wet Bulb    | 1360598      | 33428      | 40.0      | 5.178  | 835      |                                    | 5.7    |        |        |        |        | 93    |
| Dew Point   | 864035       | 26465      | 31.7      | 5.501  | 835      |                                    | 52.3   |        |        |        |        | 93    |

USAFETAC FORM 0 26 3 01 A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## PSYCHROMETRIC SUMMARY

73-81

44 Y

PAGE 1 1500-1700

[illegible]



## PSYCHROMETRIC SUMMARY

73-75-21

MAY

PAGE 1 2100-2300

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |      |      |      |      |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  | TOTAL |  |  | TOTAL |  |  |
|--------------|-------------------------------------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|--|--|-------|--|--|
|              | 0                                   | 1-2  | 3-4  | 5-6  | 7-8  | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point |  |  |  |  |  |  |  |  |  |  |       |  |  |       |  |  |
| 61/ 61       |                                     |      |      |      |      |      |       | .2    |       |       |       |       |       |       |       |       |    | 2         |          | 2        |           |  |  |  |  |  |  |  |  |  |  |       |  |  |       |  |  |
| 59/ 59       |                                     |      |      |      |      |      | .2    |       |       |       |       |       |       |       |       |       |    | 1         |          | 1        |           |  |  |  |  |  |  |  |  |  |  |       |  |  |       |  |  |
| 57/ 57       |                                     |      |      |      | .3   |      |       | .6    | .2    |       |       |       |       |       |       |       |    | 7         |          | 7        |           |  |  |  |  |  |  |  |  |  |  |       |  |  |       |  |  |
| 55/ 55       |                                     |      |      |      |      | .3   | .3    | .2    |       |       |       |       |       |       |       |       |    | 5         |          | 5        |           |  |  |  |  |  |  |  |  |  |  |       |  |  |       |  |  |
| 53/ 53       |                                     |      |      | .5   | .3   | .6   |       |       |       |       |       |       |       |       |       |       |    | 9         |          | 9        |           |  |  |  |  |  |  |  |  |  |  |       |  |  |       |  |  |
| 51/ 51       |                                     |      |      | .3   | .9   | .9   |       |       |       |       |       |       |       |       |       |       |    | 14        |          | 14       |           |  |  |  |  |  |  |  |  |  |  |       |  |  |       |  |  |
| 49/ 49       |                                     |      |      | .3   | .9   | .3   |       |       |       |       |       |       |       |       |       |       |    | 10        |          | 10       | 5         |  |  |  |  |  |  |  |  |  |  |       |  |  |       |  |  |
| 47/ 47       |                                     | .2   | .9   | 1.6  | 1.3  | .3   | .2    |       |       |       |       |       |       |       |       |       |    | 28        |          | 28       | 4         |  |  |  |  |  |  |  |  |  |  |       |  |  |       |  |  |
| 45/ 45       |                                     | .5   | .8   | 3.2  | 3.3  | .3   |       |       |       |       |       |       |       |       |       |       |    | 51        |          | 51       | 15        |  |  |  |  |  |  |  |  |  |  |       |  |  |       |  |  |
| 43/ 43       |                                     | .8   | 1.7  | 4.4  | 1.1  | .2   |       |       |       |       |       |       |       |       |       |       |    | 52        |          | 52       | 31        |  |  |  |  |  |  |  |  |  |  |       |  |  |       |  |  |
| 41/ 41       | .2                                  | 2.5  | 3.2  | 5.1  | 2.1  |      |       |       |       |       |       |       |       |       |       |       |    | 62        |          | 62       | 29        |  |  |  |  |  |  |  |  |  |  |       |  |  |       |  |  |
| 39/ 39       | .2                                  | 1.9  | 7.4  | 4.9  | 1.3  |      |       |       |       |       |       |       |       |       |       |       |    | 99        |          | 99       | 67        |  |  |  |  |  |  |  |  |  |  |       |  |  |       |  |  |
| 37/ 37       | .5                                  | 6.2  | 7.3  | 2.4  | .3   |      |       |       |       |       |       |       |       |       |       |       |    | 106       |          | 106      | 104       |  |  |  |  |  |  |  |  |  |  |       |  |  |       |  |  |
| 35/ 35       | .6                                  | 3.6  | 2.4  | 1.4  |      |      |       |       |       |       |       |       |       |       |       |       |    | 51        |          | 51       | 129       |  |  |  |  |  |  |  |  |  |  |       |  |  |       |  |  |
| 33/ 33       | .3                                  | 4.4  | 1.4  | 1.1  |      |      |       |       |       |       |       |       |       |       |       |       |    | 46        |          | 46       | 112       |  |  |  |  |  |  |  |  |  |  |       |  |  |       |  |  |
| 31/ 31       | 2.1                                 | 1.9  | 1.1  | .3   |      |      |       |       |       |       |       |       |       |       |       |       |    | 34        |          | 34       | 66        |  |  |  |  |  |  |  |  |  |  |       |  |  |       |  |  |
| 29/ 29       | 1.3                                 | 1.6  | .3   | .2   |      |      |       |       |       |       |       |       |       |       |       |       |    | 21        |          | 21       | 32        |  |  |  |  |  |  |  |  |  |  |       |  |  |       |  |  |
| 27/ 27       | .5                                  | 1.3  | .3   |      |      |      |       |       |       |       |       |       |       |       |       |       |    | 13        |          | 13       | 25        |  |  |  |  |  |  |  |  |  |  |       |  |  |       |  |  |
| 25/ 25       |                                     | .2   | .2   |      |      |      |       |       |       |       |       |       |       |       |       |       |    | 2         |          | 2        | 10        |  |  |  |  |  |  |  |  |  |  |       |  |  |       |  |  |
| 23/ 23       |                                     |      |      |      |      |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          | 3         |  |  |  |  |  |  |  |  |  |  |       |  |  |       |  |  |
| 21/ 21       |                                     |      |      |      |      |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          | 1         |  |  |  |  |  |  |  |  |  |  |       |  |  |       |  |  |
| 19/ 19       |                                     |      |      |      |      |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |  |       |  |  |
| 17/ 17       |                                     |      |      |      |      |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |  |       |  |  |
| 15/ 15       |                                     |      |      |      |      |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |  |       |  |  |
| 13/ 13       |                                     |      |      |      |      |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |  |       |  |  |
| 11/ 11       |                                     |      |      |      |      |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |  |       |  |  |
| TOTAL        | 5.7                                 | 25.0 | 27.0 | 25.6 | 11.8 | 3.2  | 1.3   | .5    |       |       |       |       |       |       |       |       |    | 633       |          | 633      | 633       |  |  |  |  |  |  |  |  |  |  |       |  |  |       |  |  |

## PSYCHROMETRIC SUMMARY

73-81

YEARS

MAY

PAGE 1

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## PSYCHROMETRIC SUMMARY

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## PSYCHROMETRIC SUMMARY

73-81

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| Temp<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |     |      |      |          |          |           |  |  |  |  |  |  |  |  |  | TOTAL |  | TOTAL |  |
|-------------|-------------------------------------|------|------|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|------|------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
|             | 0                                   | 1-2  | 3-4  | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | >31 | D.B. | W.B. | Dry Bulb | Wet Bulb | Dew Point |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 52/ 61      |                                     |      |      |     |     |      | .1    |       | .1    |       |       |       |       |       |       |       |     | 2    | 2    |          |          |           |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 50/ 59      |                                     |      |      |     |     | .3   | .3    | .4    | .3    |       |       |       |       |       |       |       |     | 9    | 9    |          |          |           |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 58/ 57      |                                     |      | .1   | .4  | .1  | .3   | .1    | .1    |       |       |       |       |       |       |       |       |     | 9    | 9    |          |          |           |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 56/ 55      |                                     | .1   | .4   | .8  | .8  | .4   | .1    |       |       |       |       |       |       |       |       |       |     | 20   | 20   |          |          |           |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 54/ 53      |                                     | .3   | 1.6  | 1.4 | 1.3 | .7   | .3    |       |       |       |       |       |       |       |       |       |     | 42   | 42   | 3        |          |           |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 52/ 51      |                                     | .7   | 2.5  | 2.6 | 1.2 | .4   |       |       |       |       |       |       |       |       |       |       |     | 56   | 56   | 13       | 1        |           |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 50/ 49      |                                     | 1.3  | 3.0  | 2.9 | .7  | .3   |       |       |       |       |       |       |       |       |       |       |     | 62   | 62   | 30       | 8        |           |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 48/ 47      | .1                                  | 1.4  | 2.9  | 2.9 | 1.7 | .3   | .4    |       |       |       |       |       |       |       |       |       |     | 74   | 74   | 63       | 22       |           |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 46/ 45      | 1.2                                 | 4.2  | 4.2  | 2.3 | .3  |      |       |       |       |       |       |       |       |       |       |       |     | 93   | 93   | 88       | 50       |           |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 44/ 43      | 1.1                                 | 5.2  | 6.4  | 2.7 | .3  |      |       |       |       |       |       |       |       |       |       |       |     | 120  | 120  | 90       | 46       |           |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 42/ 41      | 2.3                                 | 7.4  | 4.3  | 1.2 | .5  |      |       |       |       |       |       |       |       |       |       |       |     | 121  | 121  | 135      | 74       |           |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 40/ 39      | 2.0                                 | 6.4  | 2.5  | .5  |     |      |       |       |       |       |       |       |       |       |       |       |     | 87   | 87   | 162      | 129      |           |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 38/ 37      | .8                                  | 3.7  | 1.8  |     |     |      |       |       |       |       |       |       |       |       |       |       |     | 48   | 48   | 99       | 131      |           |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 36/ 35      | 1.2                                 | .7   | .1   |     |     |      |       |       |       |       |       |       |       |       |       |       |     | 15   | 15   | 50       | 114      |           |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 34/ 33      | .3                                  | .4   | .4   |     |     |      |       |       |       |       |       |       |       |       |       |       |     | 6    | 8    | 18       | 68       |           |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 32/ 31      | .1                                  |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |     | 1    | 1    | 3        | 72       |           |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 30/ 29      |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |     |      |      | 3        | 26       |           |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 28/ 27      |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |     |      |      |          |          | 11        |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 26/ 25      |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |     |      |      |          |          | 5         |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 24/ 23      |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |     |      |      |          |          | 6         |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 22/ 21      |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |     |      |      |          |          | 1         |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 20/ 19      |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |     |      |      |          |          | 2         |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 18/ 17      |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |     |      |      |          |          | 1         |  |  |  |  |  |  |  |  |  |       |  |       |  |
| TOTAL       | 9.03                                | 31.7 | 30.1 | 7.7 | 7.2 | 2.6  | 1.3   | .5    |       |       |       |       |       |       |       |       |     |      | 767  |          |          | 767       |  |  |  |  |  |  |  |  |  |       |  |       |  |
|             |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |     |      | 767  |          |          | 767       |  |  |  |  |  |  |  |  |  |       |  |       |  |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_X$ | No. Obs. | Mean No. of Hours with Temperature |             |             |             |             |             | Total |
|-------------|-------------|------------|-----------|------------|----------|------------------------------------|-------------|-------------|-------------|-------------|-------------|-------|
|             |             |            |           |            |          | $\leq 0 F$                         | $\leq 32 F$ | $\leq 67 F$ | $\leq 73 F$ | $\leq 80 F$ | $\leq 93 F$ |       |
| Rel. Hum.   | 4675903     | 58811      | 76.7      | 4.742      | 767      |                                    |             |             |             |             |             |       |
| Dry Bulb    | 1577478     | 34536      | 45.0      | 5.409      | 767      |                                    | .1          |             |             |             |             | 90    |
| Wet Bulb    | 1339550     | 31890      | 41.6      | 4.220      | 767      |                                    | .7          |             |             |             |             | 90    |
| Dew Point   | 1105831     | 28861      | 37.6      | 5.089      | 767      |                                    | 14.6        |             |             |             |             | 50    |

## PSYCHROMETRIC SUMMARY

73-61

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## PSYCHROMETRIC SUMMARY

712300      SPARREVOHN AFS AK  
STATION      STATION NAME

73-61

YEARS

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USAFETAC FORM 26-3 OF A PREVIOUS EDITION OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

7-2350 SPARREVOHN AFS AK  
STATION STATION NAME

73-81

YEARS

JUN

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| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |      |      |      |      |      |       |       |       |       |       |       |       |       |       |       |    |      |      |          |          |           |  |  |  |  |  |  |  |  |    | TOTAL |     |  | TOTAL |  |  |
|--------------|-------------------------------------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|------|------|----------|----------|-----------|--|--|--|--|--|--|--|--|----|-------|-----|--|-------|--|--|
|              | 0                                   | 1-2  | 3-4  | 5-6  | 7-8  | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | D.B. | W.B. | Dry Bulb | Wet Bulb | Dew Point |  |  |  |  |  |  |  |  |    |       |     |  |       |  |  |
| 72/ 71       |                                     |      |      |      | .3   | .2   |       |       | .2    | .5    | .2    |       |       |       |       |       |    |      |      |          |          |           |  |  |  |  |  |  |  |  | 5  | 3     |     |  |       |  |  |
| 71/ 69       |                                     |      |      |      | .2   |      |       | .6    | 1.2   | .5    | .3    |       |       |       |       |       |    |      |      |          |          |           |  |  |  |  |  |  |  |  | 18 | 18    |     |  |       |  |  |
| 69/ 67       |                                     |      |      | .2   | .3   | .3   | .5    | 1.5   | 1.2   |       |       |       |       |       |       |       |    |      |      |          |          |           |  |  |  |  |  |  |  |  | 26 | 26    |     |  |       |  |  |
| 66/ 65       |                                     |      |      |      | .2   | 1.1  | 1.4   | .8    | 1.2   | .3    |       |       |       |       |       |       |    |      |      |          |          |           |  |  |  |  |  |  |  |  |    | 22    | 32  |  |       |  |  |
| 64/ 63       |                                     |      |      | .2   | .5   | 1.8  | 2.3   | .9    | .2    |       |       |       |       |       |       |       |    |      |      |          |          |           |  |  |  |  |  |  |  |  | 36 | 36    |     |  |       |  |  |
| 62/ 61       |                                     |      |      | .5   | .6   | 1.7  | 2.1   | 1.5   | .3    |       |       |       |       |       |       |       |    |      |      |          |          |           |  |  |  |  |  |  |  |  |    | 44    | 44  |  |       |  |  |
| 57/ 59       |                                     |      | .3   | 1.4  | 1.2  | 2.0  | .7    | .5    |       |       |       |       |       |       |       |       |    |      |      |          |          |           |  |  |  |  |  |  |  |  |    | 42    | 42  |  |       |  |  |
| 57/ 57       |                                     |      |      | .8   | 1.7  | 2.0  | 2.0   | .6    |       |       |       |       |       |       |       |       |    |      |      |          |          |           |  |  |  |  |  |  |  |  |    | 46    | 46  |  |       |  |  |
| 50/ 55       |                                     |      |      | .9   | 3.3  | 3.8  | 1.2   |       |       |       |       |       |       |       |       |       |    |      |      |          |          |           |  |  |  |  |  |  |  |  |    | 61    | 61  |  |       |  |  |
| 54/ 53       |                                     | .2   | 1.7  | 2.4  | 2.9  | .8   | .7    |       |       |       |       |       |       |       |       |       |    |      |      |          |          |           |  |  |  |  |  |  |  |  |    | 54    | 54  |  |       |  |  |
| 51/ 51       |                                     | .3   | 1.7  | 2.6  | 2.6  | .9   | .5    |       |       |       |       |       |       |       |       |       |    |      |      |          |          |           |  |  |  |  |  |  |  |  |    | 56    | 56  |  |       |  |  |
| 50/ 49       |                                     | 1.7  | 2.0  | 3.0  | 1.2  | .5   | .2    |       |       |       |       |       |       |       |       |       |    |      |      |          |          |           |  |  |  |  |  |  |  |  |    | 56    | 56  |  |       |  |  |
| 47/ 47       |                                     | 2.7  | 3.5  | 2.6  | .5   |      |       |       |       |       |       |       |       |       |       |       |    |      |      |          |          |           |  |  |  |  |  |  |  |  |    | 62    | 62  |  |       |  |  |
| 47/ 45       | .3                                  | 5.6  | 3.2  | 1.2  | .2   |      |       |       |       |       |       |       |       |       |       |       |    |      |      |          |          |           |  |  |  |  |  |  |  |  |    | 69    | 69  |  |       |  |  |
| 44/ 43       | .2                                  | 3.5  | .8   |      |      |      |       |       |       |       |       |       |       |       |       |       |    |      |      |          |          |           |  |  |  |  |  |  |  |  |    | 70    | 70  |  |       |  |  |
| 42/ 41       | .2                                  | 2.9  | .2   |      |      |      |       |       |       |       |       |       |       |       |       |       |    |      |      |          |          |           |  |  |  |  |  |  |  |  |    | 21    | 21  |  |       |  |  |
| 40/ 39       |                                     | .5   |      |      |      |      |       |       |       |       |       |       |       |       |       |       |    |      |      |          |          |           |  |  |  |  |  |  |  |  |    | 3     | 3   |  |       |  |  |
| 37/ 37       |                                     | .2   |      |      |      |      |       |       |       |       |       |       |       |       |       |       |    |      |      |          |          |           |  |  |  |  |  |  |  |  |    | 1     | 1   |  |       |  |  |
| 37/ 35       | .2                                  |      |      |      |      |      |       |       |       |       |       |       |       |       |       |       |    |      |      |          |          |           |  |  |  |  |  |  |  |  |    | 1     | 1   |  |       |  |  |
| 34/ 33       |                                     |      |      |      |      |      |       |       |       |       |       |       |       |       |       |       |    |      |      |          |          |           |  |  |  |  |  |  |  |  |    |       |     |  |       |  |  |
| 31/ 31       |                                     |      |      |      |      |      |       |       |       |       |       |       |       |       |       |       |    |      |      |          |          |           |  |  |  |  |  |  |  |  |    |       |     |  |       |  |  |
| 29/ 29       |                                     |      |      |      |      |      |       |       |       |       |       |       |       |       |       |       |    |      |      |          |          |           |  |  |  |  |  |  |  |  |    |       |     |  |       |  |  |
| 27/ 27       |                                     |      |      |      |      |      |       |       |       |       |       |       |       |       |       |       |    |      |      |          |          |           |  |  |  |  |  |  |  |  |    |       |     |  |       |  |  |
| 26/ 25       |                                     |      |      |      |      |      |       |       |       |       |       |       |       |       |       |       |    |      |      |          |          |           |  |  |  |  |  |  |  |  |    |       |     |  |       |  |  |
| 24/ 23       |                                     |      |      |      |      |      |       |       |       |       |       |       |       |       |       |       |    |      |      |          |          |           |  |  |  |  |  |  |  |  |    |       |     |  |       |  |  |
| TOTAL        | .5                                  | 17.4 | 13.1 | 15.5 | 15.5 | 14.7 | 11.4  | 7.2   | 3.8   | .8    |       |       |       |       |       |       |    |      |      |          |          |           |  |  |  |  |  |  |  |  |    | 666   | 666 |  |       |  |  |

| Element (X) | Zx'     | Zx    | X    | %     | No. Obs. | Mean No. of Hours with Temperature |      |      |      |      |      | Total |
|-------------|---------|-------|------|-------|----------|------------------------------------|------|------|------|------|------|-------|
| Rel. Hum.   | 2716172 | 40824 | 61.3 | 7.929 | 666      | 10 F                               | 32 F | 67 F | 73 F | 80 F | 93 F |       |
| Dry Bulb    | 2004864 | 36174 | 54.3 | 7.762 | 666      |                                    |      | 7.7  |      |      |      | 90    |
| Wet Bulb    | 1495579 | 31403 | 47.2 | 4.730 | 666      |                                    |      |      |      |      |      | 90    |
| Dew Point   | 1086869 | 26677 | 40.1 | 5.247 | 666      |                                    | 5.8  |      |      |      |      | 90    |

USAFETAC FORM 0 26 3 01 A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## PSYCHROMETRIC SUMMARY

7.2350      LEAPREVOHN AFS AK  
STATION      STATION NAME

74, 76-82

7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349 350 351 352 353 354 355 356 357 358 359 360 361 362 363 364 365 366 367 368 369 370 371 372 373 374 375 376 377 378 379 380 381 382 383 384 385 386 387 388 389 390 391 392 393 394 395 396 397 398 399 400 401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428 429 430 431 432 433 434 435 436 437 438 439 440 441 442 443 444 445 446 447 448 449 450 451 452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467 468 469 470 471 472 473 474 475 476 477 478 479 480 481 482 483 484 485 486 487 488 489 490 491 492 493 494 495 496 497 498 499 500 501 502 503 504 505 506 507 508 509 510 511 512 513 514 515 516 517 518 519 520 521 522 523 524 525 526 527 528 529 530 531 532 533 534 535 536 537 538 539 540 541 542 543 544 545 546 547 548 549 550 551 552 553 554 555 556 557 558 559 560 561 562 563 564 565 566 567 568 569 570 571 572 573 574 575 576 577 578 579 580 581 582 583 584 585 586 587 588 589 590 591 592 593 594 595 596 597 598 599 600 601 602 603 604 605 606 607 608 609 610 611 612 613 614 615 616 617 618 619 620 621 622 623 624 625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 640 641 642 643 644 645 646 647 648 649 650 651 652 653 654 655 656 657 658 659 660 661 662 663 664 665 666 667 668 669 670 671 672 673 674 675 676 677 678 679 680 681 682 683 684 685 686 687 688 689 690 691 692 693 694 695 696 697 698 699 700 701 702 703 704 705 706 707 708 709 710 711 712 713 714 715 716 717 718 719 720 721 722 723 724 725 726 727 728 729 730 731 732 733 734 735 736 737 738 739 740 741 742 743 744 745 746 747 748 749 750 751 752 753 754 755 756 757 758 759 760 761 762 763 764 765 766 767 768 769 770 771 772 773 774 775 776 777 778 779 780 781 782 783 784 785 786 787 788 789 790 791 792 793 794 795 796 797 798 799 800 801 802 803 804 805 806 807 808 809 810 811 812 813 814 815 816 817 818 819 820 821 822 823 824 825 826 827 828 829 830 831 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 868 869 870 871 872 873 874 875 876 877 878 879 880 881 882 883 884 885 886 887 888 889 890 891 892 893 894 895 896 897 898 899 900 901 902 903 904 905 906 907 908 909 910 911 912 913 914 915 916 917 918 919 920 921 922 923 924 925 926 927 928 929 930 931 932 933 934 935 936 937 938 939 940 941 942 943 944 945 946 947 948 949 950 951 952 953 954 955 956 957 958 959 960 961 962 963 964 965 966 967 968 969 970 971 972 973 974 975 976 977 978 979 980 981 982 983 984 985 986 987 988 989 990 991 992 993 994 995 996 997 998 999 1000 1001 1002 1003 1004 1005 1006 1007 1008 1009 1010 1011 1012 1013 1014 1015 1016 1017 1018 1019 1020 1021 1022 1023 1024 1025 1026 1027 1028 1029 1030 1031 1032 1033 1034 1035 1036 1037 1038 1039 1040 1041 1042 104

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PAGE 1 100-200

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

7 2352 0PARREVCHN AFS AN  
STATION STATION NAME

73.75-01

YEARS

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PAGE 1 2100-2140

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |            |           |       |          |                                    |       |       |       |       |       |       |       |       |       |       |    |     |     |  |  |  |  |  |  |  |  |  |  |  |  |  |  | TOTAL<br>D.B. W.B. Dr. B. Wet Bulb Dew Point | TOTAL<br>D.B. W.B. Dr. B. Wet Bulb Dew Point |  |
|--------------|-------------------------------------|------------|-----------|-------|----------|------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|-----|-----|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
|              | 0                                   | 1-2        | 3-4       | 5-6   | 7-8      | 9-10                               | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 |     |     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 60/65        |                                     |            |           |       |          |                                    | .4    | .4    |       |       |       |       |       |       |       |       |    | 4   | 4   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 54/63        |                                     |            |           |       |          |                                    |       |       | .4    |       |       |       |       |       |       |       |    | 4   | 4   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 57/61        |                                     |            |           |       |          | .4                                 | .4    | .4    |       |       |       |       |       |       |       |       |    | 4   | 4   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 57/59        |                                     |            |           | .2    | .2       | .1                                 | .7    |       |       |       |       |       |       |       |       |       |    | 12  | 12  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 57/57        |                                     |            |           | 1.1   | .2       | 1.2                                | .4    |       |       |       |       |       |       |       |       |       |    | 21  | 21  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 54/55        |                                     |            | 1.1       | .7    | 1.7      | .9                                 |       |       |       |       |       |       |       |       |       |       |    | 24  | 24  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 54/53        | .2                                  | .2         | 1.7       | 2.2   | 1.7      | .9                                 |       |       |       |       |       |       |       |       |       |       |    | 37  | 37  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 57/51        |                                     | .7         | 2.8       | 1.7   | 1.3      | .9                                 | .5    | .2    |       |       |       |       |       |       |       |       |    | 44  | 44  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 57/49        |                                     | .9         | 3.5       | 3.5   | 2.7      | .2                                 |       |       |       |       |       |       |       |       |       |       |    | 56  | 56  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 44/47        | .2                                  | 2.2        | 4.4       | 3.5   | 1.1      | .2                                 | .2    |       |       |       |       |       |       |       |       |       |    | 64  | 64  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 44/45        | 1.3                                 | 4.5        | 5.4       | 3.7   | .4       |                                    |       |       |       |       |       |       |       |       |       |       |    | 63  | 63  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 44/43        | 2.2                                 | 4.1        | 4.4       | 2.2   | .2       |                                    |       |       |       |       |       |       |       |       |       |       |    | 80  | 80  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 47/41        | 1.7                                 | 7.6        | 1.7       | .2    |          |                                    |       |       |       |       |       |       |       |       |       |       |    | 60  | 60  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 47/37        | .7                                  | 4.8        | 1.3       |       |          |                                    |       |       |       |       |       |       |       |       |       |       |    | 36  | 36  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 57/77        | .4                                  | .7         | .7        |       |          |                                    |       |       |       |       |       |       |       |       |       |       |    | 10  | 10  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 57/35        | .4                                  | .4         |           |       |          |                                    |       |       |       |       |       |       |       |       |       |       |    | 4   | 4   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 57/37        |                                     |            |           |       |          |                                    |       |       |       |       |       |       |       |       |       |       |    |     |     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 57/31        |                                     |            |           |       |          |                                    |       |       |       |       |       |       |       |       |       |       |    |     |     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 57/29        |                                     |            |           |       |          |                                    |       |       |       |       |       |       |       |       |       |       |    |     |     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 57/27        |                                     |            |           |       |          |                                    |       |       |       |       |       |       |       |       |       |       |    |     |     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 56/25        |                                     |            |           |       |          |                                    |       |       |       |       |       |       |       |       |       |       |    |     |     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 57/17        |                                     |            |           |       |          |                                    |       |       |       |       |       |       |       |       |       |       |    |     |     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 57/15        |                                     |            |           |       |          |                                    |       |       |       |       |       |       |       |       |       |       |    |     |     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| TOTAL        | 5.5                                 | 28.1       | 7.0       | 18.9  | 3.7      | 6.8                                | 2.4   | .9    | .4    |       |       |       |       |       |       |       |    | 541 | 541 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|              |                                     |            |           |       |          |                                    |       |       |       |       |       |       |       |       |       |       |    |     |     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|              |                                     |            |           |       |          |                                    |       |       |       |       |       |       |       |       |       |       |    |     |     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|              |                                     |            |           |       |          |                                    |       |       |       |       |       |       |       |       |       |       |    |     |     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|              |                                     |            |           |       |          |                                    |       |       |       |       |       |       |       |       |       |       |    |     |     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Element (X)  | $\Sigma x$                          | $\Sigma x$ | $\bar{x}$ | $s_x$ | No. Obs. | Mean No. of Hours with Temperature |       |       |       |       |       |       |       |       |       |       |    |     |     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Rel Hum      | 3107424                             | 41000      | 74.0      | 6.331 | 541      | 10 F                               | 32 F  | 67 F  | 73 F  | 80 F  | 93 F  |       |       |       |       |       |    |     |     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Dry Bulb     | 1233815                             | 25647      | 47.4      | 5.770 | 541      |                                    |       |       |       |       |       |       |       |       |       |       |    |     |     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Wet Bulb     | 1023101                             | 23425      | 43.3      | 4.040 | 541      |                                    |       |       |       |       |       |       |       |       |       |       |    |     |     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Dew Point    | 829046                              | 20006      | 36.9      | 4.986 | 541      |                                    |       |       |       |       |       |       |       |       |       |       |    |     |     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

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GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

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STATION

STATION NAME

YEARS

PAGE 1

ALL

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |      |         |      |      |     |       |     |      |    |       |    |        |    |        |    |        |    |        |    |        |    |       |    |    |    |    |    |    |    |    |    |           | TOTAL    |          | TOTAL     |  |
|--------------|-------------------------------------|------|---------|------|------|-----|-------|-----|------|----|-------|----|--------|----|--------|----|--------|----|--------|----|--------|----|-------|----|----|----|----|----|----|----|----|----|-----------|----------|----------|-----------|--|
|              | 0                                   | 1    | 2       | 3    | 4    | 5   | 6     | 7   | 8    | 9  | 10    | 11 | 12     | 13 | 14     | 15 | 16     | 17 | 18     | 19 | 20     | 21 | 22    | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point |  |
| 72/ 71       |                                     |      |         |      |      |     |       |     |      |    |       |    |        |    |        |    |        |    |        |    |        |    |       |    |    |    |    |    |    |    |    |    | 21        | 21       |          |           |  |
| 71/ 69       |                                     |      |         |      |      |     |       |     |      |    |       |    |        |    |        |    |        |    |        |    |        |    |       |    |    |    |    |    |    |    |    |    | 42        | 42       |          |           |  |
| 70/ 67       |                                     |      |         |      |      |     |       |     |      |    |       |    |        |    |        |    |        |    |        |    |        |    |       |    |    |    |    |    |    |    |    |    | 57        | 57       |          |           |  |
| 69/ 65       |                                     |      |         |      |      |     |       |     |      |    |       |    |        |    |        |    |        |    |        |    |        |    |       |    |    |    |    |    |    |    |    |    | 101       | 101      | 2        |           |  |
| 68/ 63       |                                     |      |         |      |      |     |       |     |      |    |       |    |        |    |        |    |        |    |        |    |        |    |       |    |    |    |    |    |    |    |    |    | 117       | 117      | 3        |           |  |
| 67/ 61       |                                     |      |         |      |      |     |       |     |      |    |       |    |        |    |        |    |        |    |        |    |        |    |       |    |    |    |    |    |    |    |    |    | 149       | 149      | 4        | 2         |  |
| 66/ 59       |                                     |      |         |      |      |     |       |     |      |    |       |    |        |    |        |    |        |    |        |    |        |    |       |    |    |    |    |    |    |    |    |    | 204       | 204      | 16       | 1         |  |
| 65/ 57       |                                     |      |         |      |      |     |       |     |      |    |       |    |        |    |        |    |        |    |        |    |        |    |       |    |    |    |    |    |    |    |    |    | 272       | 272      | 30       | 5         |  |
| 64/ 55       |                                     |      |         |      |      |     |       |     |      |    |       |    |        |    |        |    |        |    |        |    |        |    |       |    |    |    |    |    |    |    |    |    | 341       | 341      | 116      | 13        |  |
| 63/ 53       |                                     |      |         |      |      |     |       |     |      |    |       |    |        |    |        |    |        |    |        |    |        |    |       |    |    |    |    |    |    |    |    |    | 410       | 410      | 187      | 6         |  |
| 62/ 51       |                                     |      |         |      |      |     |       |     |      |    |       |    |        |    |        |    |        |    |        |    |        |    |       |    |    |    |    |    |    |    |    |    | 457       | 457      | 272      | 16        |  |
| 61/ 49       |                                     |      |         |      |      |     |       |     |      |    |       |    |        |    |        |    |        |    |        |    |        |    |       |    |    |    |    |    |    |    |    |    | 488       | 488      | 386      | 114       |  |
| 60/ 47       |                                     |      |         |      |      |     |       |     |      |    |       |    |        |    |        |    |        |    |        |    |        |    |       |    |    |    |    |    |    |    |    |    | 516       | 516      | 656      | 211       |  |
| 59/ 45       |                                     |      |         |      |      |     |       |     |      |    |       |    |        |    |        |    |        |    |        |    |        |    |       |    |    |    |    |    |    |    |    |    | 559       | 559      | 835      | 447       |  |
| 58/ 43       |                                     |      |         |      |      |     |       |     |      |    |       |    |        |    |        |    |        |    |        |    |        |    |       |    |    |    |    |    |    |    |    |    | 597       | 597      | 891      | 529       |  |
| 57/ 41       |                                     |      |         |      |      |     |       |     |      |    |       |    |        |    |        |    |        |    |        |    |        |    |       |    |    |    |    |    |    |    |    |    | 540       | 540      | 829      | 716       |  |
| 56/ 39       |                                     |      |         |      |      |     |       |     |      |    |       |    |        |    |        |    |        |    |        |    |        |    |       |    |    |    |    |    |    |    |    |    | 356       | 356      | 745      | 1039      |  |
| 55/ 37       |                                     |      |         |      |      |     |       |     |      |    |       |    |        |    |        |    |        |    |        |    |        |    |       |    |    |    |    |    |    |    |    |    | 167       | 167      | 367      | 841       |  |
| 54/ 35       |                                     |      |         |      |      |     |       |     |      |    |       |    |        |    |        |    |        |    |        |    |        |    |       |    |    |    |    |    |    |    |    |    | 64        | 64       | 191      | 661       |  |
| 53/ 33       |                                     |      |         |      |      |     |       |     |      |    |       |    |        |    |        |    |        |    |        |    |        |    |       |    |    |    |    |    |    |    |    |    | 42        | 42       | 58       | 384       |  |
| 52/ 31       |                                     |      |         |      |      |     |       |     |      |    |       |    |        |    |        |    |        |    |        |    |        |    |       |    |    |    |    |    |    |    |    |    | 18        | 18       | 40       | 325       |  |
| 51/ 29       |                                     |      |         |      |      |     |       |     |      |    |       |    |        |    |        |    |        |    |        |    |        |    |       |    |    |    |    |    |    |    |    |    |           |          | 6        | 137       |  |
| 50/ 27       |                                     |      |         |      |      |     |       |     |      |    |       |    |        |    |        |    |        |    |        |    |        |    |       |    |    |    |    |    |    |    |    |    |           |          |          | 90        |  |
| 49/ 25       |                                     |      |         |      |      |     |       |     |      |    |       |    |        |    |        |    |        |    |        |    |        |    |       |    |    |    |    |    |    |    |    |    |           |          |          | 46        |  |
| 48/ 23       |                                     |      |         |      |      |     |       |     |      |    |       |    |        |    |        |    |        |    |        |    |        |    |       |    |    |    |    |    |    |    |    |    |           |          |          | 17        |  |
| 47/ 21       |                                     |      |         |      |      |     |       |     |      |    |       |    |        |    |        |    |        |    |        |    |        |    |       |    |    |    |    |    |    |    |    |    |           |          |          | 8         |  |
| 46/ 19       |                                     |      |         |      |      |     |       |     |      |    |       |    |        |    |        |    |        |    |        |    |        |    |       |    |    |    |    |    |    |    |    |    |           |          |          | 4         |  |
| 45/ 17       |                                     |      |         |      |      |     |       |     |      |    |       |    |        |    |        |    |        |    |        |    |        |    |       |    |    |    |    |    |    |    |    |    |           |          |          | 2         |  |
| 44/ 15       |                                     |      |         |      |      |     |       |     |      |    |       |    |        |    |        |    |        |    |        |    |        |    |       |    |    |    |    |    |    |    |    |    |           |          |          | 2         |  |
| TOTAL        | 6.1                                 | 25.4 | 21.3    | 18.2 | 11.2 | 9.2 | 5.1   | 2.5 | 1.0  | .2 | .0    |    |        |    |        |    |        |    |        |    |        |    |       |    |    |    |    |    |    |    |    |    | 5618      | 5618     |          | 5618      |  |
|              |                                     |      |         |      |      |     |       |     |      |    |       |    |        |    |        |    |        |    |        |    |        |    |       |    |    |    |    |    |    |    |    |    |           |          |          |           |  |
| Element (X)  | Σx <sup>2</sup>                     |      | Σx      |      | Σ    |     | Σ     |     | Σ    |    | Σ     |    | Σ      |    | Σ      |    | Σ      |    | Σ      |    | Σ      |    | Σ     |    | Σ  |    | Σ  |    | Σ  |    | Σ  |    | Σ         |          | Σ        |           |  |
| Rel. Hum.    | 22818663                            |      | 3971.5  |      | 70.7 |     | 7.649 |     | 5618 |    | Σ 0 F |    | Σ 32 F |    | Σ 67 F |    | Σ 73 F |    | Σ 80 F |    | Σ 93 F |    | Total |    |    |    |    |    |    |    |    |    |           |          |          |           |  |
| Dry Bulb     | 13809255                            |      | 2752.7  |      | 49.0 |     | 7.647 |     | 5618 |    |       |    | 2.3    |    | 15.4   |    |        |    |        |    |        |    | 7.0   |    |    |    |    |    |    |    |    |    |           |          |          |           |  |
| Wet Bulb     | 11061823                            |      | 2476.5  |      | 44.1 |     | 5.089 |     | 5618 |    |       |    | 6.2    |    |        |    |        |    |        |    |        |    | 720   |    |    |    |    |    |    |    |    |    |           |          |          |           |  |
| Dew Point    | 86688.5                             |      | 2186.99 |      | 38.9 |     | 5.258 |     | 5618 |    |       |    | 80.9   |    |        |    |        |    |        |    |        |    | 720   |    |    |    |    |    |    |    |    |    |           |          |          |           |  |

USAFETAC FORM 0 26 3 OL 1 PREVIOUS EDITION OF THIS FORM ARE OBSOLETE

## PSYCHROMETRIC SUMMARY

72-51

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| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |     |      |      |          |          |           |  |  |  |  |  |  |  |  | TOTAL |  | TOTAL |  |
|--------------|-------------------------------------|------|------|------|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|------|------|----------|----------|-----------|--|--|--|--|--|--|--|--|-------|--|-------|--|
|              | 0                                   | 1-2  | 3-4  | 5-6  | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | +31 | D.B. | W.B. | Dry Bulb | Wet Bulb | Dew Point |  |  |  |  |  |  |  |  |       |  |       |  |
| 66 / 65      |                                     |      |      |      |     |      | .1    |       |       |       |       |       |       |       |       |       |     | 1    | 1    |          |          |           |  |  |  |  |  |  |  |  |       |  |       |  |
| 64 / 63      |                                     |      |      |      |     | .3   | .5    |       |       |       |       |       |       |       |       |       |     | 2    | 2    |          |          |           |  |  |  |  |  |  |  |  |       |  |       |  |
| 62 / 61      |                                     |      |      | .4   | .6  | 1.2  | .5    |       |       |       |       |       |       |       |       |       |     | 21   | 21   |          |          |           |  |  |  |  |  |  |  |  |       |  |       |  |
| 60 / 59      |                                     |      | .3   | .4   | .5  | .1   |       |       |       |       |       |       |       |       |       |       |     | 12   | 12   |          |          |           |  |  |  |  |  |  |  |  |       |  |       |  |
| 58 / 57      |                                     | 1.0  | .8   | 1.3  | 1.7 | 1.2  |       |       |       |       |       |       |       |       |       |       |     | 46   | 46   |          | 1        |           |  |  |  |  |  |  |  |  |       |  |       |  |
| 56 / 55      |                                     | .9   | 1.3  | 3.9  | 1.4 |      |       |       |       |       |       |       |       |       |       |       |     | 56   | 58   |          | 14       | 4         |  |  |  |  |  |  |  |  |       |  |       |  |
| 54 / 53      | .3                                  | 1.3  | 4.5  | 4.4  | .8  |      |       |       |       |       |       |       |       |       |       |       |     | 47   | 87   |          | 31       | 8         |  |  |  |  |  |  |  |  |       |  |       |  |
| 52 / 51      | .5                                  | 5.3  | 5.4  | 1.9  | .5  | .1   |       |       |       |       |       |       |       |       |       |       |     | 127  | 127  |          | 63       | 27        |  |  |  |  |  |  |  |  |       |  |       |  |
| 50 / 49      | 1.8                                 | 8.3  | 5.1  | 3.0  | .6  |      |       |       |       |       |       |       |       |       |       |       |     | 145  | 145  |          | 171      | 57        |  |  |  |  |  |  |  |  |       |  |       |  |
| 48 / 47      | 1.6                                 | 9.7  | 3.8  | 1.7  | .4  |      |       |       |       |       |       |       |       |       |       |       |     | 132  | 132  |          | 165      | 121       |  |  |  |  |  |  |  |  |       |  |       |  |
| 46 / 45      | 1.8                                 | 5.8  | 1.9  | 1.4  |     |      |       |       |       |       |       |       |       |       |       |       |     | 95   | 95   |          | 137      | 173       |  |  |  |  |  |  |  |  |       |  |       |  |
| 44 / 43      | 1.7                                 | 3.0  | 1.4  | .1   |     |      |       |       |       |       |       |       |       |       |       |       |     | 48   | 48   |          | 122      | 135       |  |  |  |  |  |  |  |  |       |  |       |  |
| 42 / 41      | .3                                  | 2.2  | .3   |      |     |      |       |       |       |       |       |       |       |       |       |       |     | 21   | 21   |          | 57       | 78        |  |  |  |  |  |  |  |  |       |  |       |  |
| 40 / 39      |                                     | .3   | .3   |      |     |      |       |       |       |       |       |       |       |       |       |       |     | 4    | 4    |          | 26       | 83        |  |  |  |  |  |  |  |  |       |  |       |  |
| 38 / 37      |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |     |      |      |          | 3        | 40        |  |  |  |  |  |  |  |  |       |  |       |  |
| 36 / 35      |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |     |      |      |          | 1        | 27        |  |  |  |  |  |  |  |  |       |  |       |  |
| 34 / 33      |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |     |      |      |          |          | 12        |  |  |  |  |  |  |  |  |       |  |       |  |
| 32 / 31      |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |     |      |      |          |          | 6         |  |  |  |  |  |  |  |  |       |  |       |  |
| TOTAL        | 7.9                                 | 37.9 | 25.0 | 19.5 | 6.6 | 2.9  | 1.2   |       |       |       |       |       |       |       |       |       |     | 771  | 771  |          | 771      | 771       |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |     |      |      |          |          |           |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |     |      |      |          |          |           |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |     |      |      |          |          |           |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |     |      |      |          |          |           |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |     |      |      |          |          |           |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |     |      |      |          |          |           |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |     |      |      |          |          |           |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |     |      |      |          |          |           |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |     |      |      |          |          |           |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |     |      |      |          |          |           |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |     |      |      |          |          |           |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |     |      |      |          |          |           |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |     |      |      |          |          |           |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |     |      |      |          |          |           |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |     |      |      |          |          |           |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |     |      |      |          |          |           |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |     |      |      |          |          |           |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |     |      |      |          |          |           |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |     |      |      |          |          |           |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |     |      |      |          |          |           |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |     |      |      |          |          |           |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |     |      |      |          |          |           |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |     |      |      |          |          |           |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |     |      |      |          |          |           |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |     |      |      |          |          |           |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |     |      |      |          |          |           |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |     |      |      |          |          |           |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |     |      |      |          |          |           |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |     |      |      |          |          |           |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |     |      |      |          |          |           |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |     |      |      |          |          |           |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |     |      |      |          |          |           |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |     |      |      |          |          |           |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |     |      |      |          |          |           |  |  |  |  |  |  |  |  |       |  |       |  |

## PSYCHROMETRIC SUMMARY

7-2350                      SPAFREVOHN AFS AK  
STATION                      STATION NAME

73-41

YEARS

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PAGE 1 0300-2503

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |     |           |          |          |           |  |  |  |  |  |  |  |  |  |  | TOTAL |  | TOTAL |  |
|--------------|-------------------------------------|------|------|------|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
|              | 0                                   | 1-2  | 3-4  | 5-6  | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | +31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 64 / 63      |                                     |      |      |      |     |      | .3    |       |       |       |       |       |       |       |       |       |     | 2         | 2        |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 62 / 61      |                                     |      |      |      | .4  | .6   | .3    |       |       |       |       |       |       |       |       |       |     | 10        | 10       |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 6 / 59       |                                     |      | .3   | .8   | .5  | .4   | .1    |       |       |       |       |       |       |       |       |       |     | 16        | 16       |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 58 / 57      |                                     | .3   | .8   | 1.3  | 1.1 | .5   |       |       |       |       |       |       |       |       |       |       |     | 31        | 31       |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 56 / 55      |                                     | .8   | .9   | 3.4  | 1.6 |      |       |       |       |       |       |       |       |       |       |       |     | 53        | 53       | 8        | 2         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 54 / 53      |                                     | 1.4  | 1.9  | 4.3  | 1.1 |      |       |       |       |       |       |       |       |       |       |       |     | 69        | 69       | 20       | 6         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 52 / 51      | .6                                  | 3.4  | 4.3  | 3.5  |     |      |       |       |       |       |       |       |       |       |       |       |     | 94        | 94       | 56       | 17        |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 50 / 49      | 2.6                                 | 12.2 | 4.7  | 3.1  | .1  |      |       |       |       |       |       |       |       |       |       |       |     | 165       | 165      | 140      | 80        |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 48 / 47      | 4.3                                 | 7.6  | 2.9  | 2.3  | .3  |      |       |       |       |       |       |       |       |       |       |       |     | 135       | 135      | 194      | 117       |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 46 / 45      | 3.4                                 | 7.4  | 2.6  | .9   |     |      |       |       |       |       |       |       |       |       |       |       |     | 114       | 114      | 156      | 159       |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 44 / 43      | 1.9                                 | 5.3  | 1.4  | .4   |     |      |       |       |       |       |       |       |       |       |       |       |     | 71        | 71       | 106      | 160       |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 42 / 41      | .4                                  | 1.9  | .8   |      |     |      |       |       |       |       |       |       |       |       |       |       |     | 24        | 24       | 73       | 103       |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 40 / 39      | .9                                  | .4   |      |      |     |      |       |       |       |       |       |       |       |       |       |       |     | 10        | 10       | 32       | 79        |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 38 / 37      |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |     |           |          | 9        | 49        |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 36 / 35      |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |     |           |          |          | 20        |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 34 / 33      |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |     |           |          |          | 10        |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 32 / 31      |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |     |           |          |          | 12        |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| TOTAL        | 13.9                                | 39.5 | 23.4 | 19.9 | 5.2 | 1.5  | .6    |       |       |       |       |       |       |       |       |       |     | 794       | 794      |          | 794       |  |  |  |  |  |  |  |  |  |  |       |  |       |  |

## PSYCHROMETRIC SUMMARY

YEARS

ALL

PAGE 1 2600-2941

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  | TOTAL |  | TOTAL |  |
|--------------|-------------------------------------|------|------|------|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|-----------|----------|----------|-----------|--|--|--|--|--|--|--|-------|--|-------|--|
|              | 0                                   | 1-2  | 3-4  | 5-6  | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point |  |  |  |  |  |  |  |       |  |       |  |
| 55/ 67       |                                     |      |      |      |     |      |       | .1    |       |       |       |       |       |       |       |       |    | 1         | 1        |          |           |  |  |  |  |  |  |  |       |  |       |  |
| 56/ 65       |                                     |      |      |      |     | .6   | .6    |       |       |       |       |       |       |       |       |       |    | 10        | 10       |          |           |  |  |  |  |  |  |  |       |  |       |  |
| 64/ 63       |                                     |      |      | .2   | .1  | .4   | .1    |       |       |       |       |       |       |       |       |       |    | 7         | 7        |          |           |  |  |  |  |  |  |  |       |  |       |  |
| 62/ 61       |                                     |      | .1   | .5   | .7  | .1   | .4    |       |       |       |       |       |       |       |       |       |    | 15        | 15       |          |           |  |  |  |  |  |  |  |       |  |       |  |
| 60/ 59       |                                     |      | .5   | 1.6  | 1.7 | .6   | .1    |       |       |       |       |       |       |       |       |       |    | 31        | 31       |          |           |  |  |  |  |  |  |  |       |  |       |  |
| 58/ 57       |                                     | .1   | 1.2  | 2.4  | 1.6 | 1.0  |       |       |       |       |       |       |       |       |       |       |    | 51        | 51       |          | 4         |  |  |  |  |  |  |  |       |  |       |  |
| 56/ 55       |                                     | .6   | 2.5  | 4.0  | 2.0 | .5   |       |       |       |       |       |       |       |       |       |       |    | 77        | 77       |          | 23        |  |  |  |  |  |  |  |       |  |       |  |
| 54/ 53       |                                     | 1.9  | 4.0  | 4.5  | 1.2 | .1   |       |       |       |       |       |       |       |       |       |       |    | 94        | 94       | 43       | 7         |  |  |  |  |  |  |  |       |  |       |  |
| 52/ 51       | .7                                  | 5.7  | 5.1  | 2.7  | .9  |      |       |       |       |       |       |       |       |       |       |       |    | 122       | 122      | 95       | 35        |  |  |  |  |  |  |  |       |  |       |  |
| 50/ 49       | 2.4                                 | 8.1  | 4.5  | 2.2  | .2  |      |       |       |       |       |       |       |       |       |       |       |    | 140       | 140      | 171      | 85        |  |  |  |  |  |  |  |       |  |       |  |
| 48/ 47       | 3.7                                 | 6.2  | 1.7  | 1.1  | .1  |      |       |       |       |       |       |       |       |       |       |       |    | 104       | 104      | 195      | 151       |  |  |  |  |  |  |  |       |  |       |  |
| 46/ 45       | 4.0                                 | 5.0  | 1.0  | .6   |     |      |       |       |       |       |       |       |       |       |       |       |    | 85        | 85       | 156      | 162       |  |  |  |  |  |  |  |       |  |       |  |
| 44/ 43       | 1.6                                 | 3.4  | .4   |      |     |      |       |       |       |       |       |       |       |       |       |       |    | 43        | 43       | 77       | 136       |  |  |  |  |  |  |  |       |  |       |  |
| 42/ 41       | 1.1                                 | .6   | .1   |      |     |      |       |       |       |       |       |       |       |       |       |       |    | 15        | 15       | 40       | 92        |  |  |  |  |  |  |  |       |  |       |  |
| 40/ 39       | .6                                  |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |    | 5         | 5        | 16       | 68        |  |  |  |  |  |  |  |       |  |       |  |
| 38/ 37       |                                     | .1   |      |      |     |      |       |       |       |       |       |       |       |       |       |       |    | 1         | 1        | 1        | 19        |  |  |  |  |  |  |  |       |  |       |  |
| 36/ 35       |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          | 17        |  |  |  |  |  |  |  |       |  |       |  |
| 34/ 33       |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          | 6         |  |  |  |  |  |  |  |       |  |       |  |
| 32/ 31       |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          | 2         |  |  |  |  |  |  |  |       |  |       |  |
| TOTAL        | 14.2                                | 31.8 | 21.2 | 20.0 | 9.0 | 3.4  | 1.2   | .1    |       |       |       |       |       |       |       |       |    | 801       | 801      | 801      | 801       |  |  |  |  |  |  |  |       |  |       |  |

## PSYCHROMETRIC SUMMARY

73-81

YEARS

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PAGE 1 0900-1100

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## PSYCHROMETRIC SUMMARY

702350      SPARREVOHN AFS AK  
STATION      STATION NAME

73-31

YEARS

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PAGE 1 1528-1730

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## PSYCHROMETRIC SUMMARY

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USAFETAC FORM 0-26.3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71

## PSYCHROMETRIC SUMMARY

444

PAGE : 2120-2340

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  | TOTAL |  |  |  | TOTAL |  |  |  |
|--------------|-------------------------------------|------|------|------|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|--|--|--|-------|--|--|--|
|              | 0                                   | 1-2  | 3-4  | 5-6  | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point |  |  |  |  |  |  |  |  |  |  |       |  |  |  |       |  |  |  |
| 7 / 64       |                                     |      |      |      |     |      |       |       | .2    |       |       |       |       |       |       |       |    | 1         | 1        |          |           |  |  |  |  |  |  |  |  |  |  |       |  |  |  |       |  |  |  |
| 54 / 67      |                                     |      |      |      |     |      |       |       | .2    |       |       |       |       |       |       |       |    | 1         | 1        |          |           |  |  |  |  |  |  |  |  |  |  |       |  |  |  |       |  |  |  |
| 54 / 65      |                                     |      |      |      | .4  | .4   | .4    |       |       |       |       |       |       |       |       |       |    | 6         | 6        |          |           |  |  |  |  |  |  |  |  |  |  |       |  |  |  |       |  |  |  |
| 54 / 62      |                                     |      |      | .2   | .3  | .8   | .6    |       |       |       |       |       |       |       |       |       |    | 12        | 12       |          |           |  |  |  |  |  |  |  |  |  |  |       |  |  |  |       |  |  |  |
| 57 / 61      |                                     |      |      | 1.1  | .8  | .8   | .4    |       |       |       |       |       |       |       |       |       |    | 15        | 15       |          |           |  |  |  |  |  |  |  |  |  |  |       |  |  |  |       |  |  |  |
| 57 / 59      |                                     | .2   | 1.7  | .8   | .8  | 1.5  |       |       |       |       |       |       |       |       |       |       |    | 24        | 24       |          |           |  |  |  |  |  |  |  |  |  |  |       |  |  |  |       |  |  |  |
| 57 / 57      |                                     | .2   | 1.7  | 1.5  | 1.3 | 1.9  |       |       |       |       |       |       |       |       |       |       |    | 31        | 31       | 9        |           |  |  |  |  |  |  |  |  |  |  |       |  |  |  |       |  |  |  |
| 56 / 55      |                                     | 1.9  | 3.4  | 2.9  | 3.6 | .2   |       |       |       |       |       |       |       |       |       |       |    | 57        | 57       | 25       | 4         |  |  |  |  |  |  |  |  |  |  |       |  |  |  |       |  |  |  |
| 54 / 53      |                                     | 2.3  | 4.6  | 3.4  | 1.1 |      |       |       |       |       |       |       |       |       |       |       |    | 54        | 54       | 41       | 14        |  |  |  |  |  |  |  |  |  |  |       |  |  |  |       |  |  |  |
| 52 / 51      | 2.7                                 | 4.8  | 5.1  | 4.2  | .6  |      |       |       |       |       |       |       |       |       |       |       |    | 80        | 80       | 54       | 39        |  |  |  |  |  |  |  |  |  |  |       |  |  |  |       |  |  |  |
| 47 / 49      | 2.1                                 | 5.9  | 5.3  | 4.3  | .4  |      |       |       |       |       |       |       |       |       |       |       |    | 84        | 84       | 175      | 42        |  |  |  |  |  |  |  |  |  |  |       |  |  |  |       |  |  |  |
| 47 / 47      | 2.2                                 | 5.1  | 2.9  | .6   |     |      |       |       |       |       |       |       |       |       |       |       |    | 55        | 55       | 106      | 78        |  |  |  |  |  |  |  |  |  |  |       |  |  |  |       |  |  |  |
| 46 / 45      | 2.1                                 | 3.8  | 1.5  | .2   |     |      |       |       |       |       |       |       |       |       |       |       |    | 36        | 36       | 77       | 96        |  |  |  |  |  |  |  |  |  |  |       |  |  |  |       |  |  |  |
| 44 / 42      | .4                                  | 2.1  | .6   |      |     |      |       |       |       |       |       |       |       |       |       |       |    | 15        | 15       | 41       | 56        |  |  |  |  |  |  |  |  |  |  |       |  |  |  |       |  |  |  |
| 42 / 41      | .5                                  | .2   |      |      |     |      |       |       |       |       |       |       |       |       |       |       |    | 4         | 4        | 19       | 71        |  |  |  |  |  |  |  |  |  |  |       |  |  |  |       |  |  |  |
| 41 / 39      |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          | 3         |  |  |  |  |  |  |  |  |  |  |       |  |  |  |       |  |  |  |
| 37 / 37      |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          | 23        |  |  |  |  |  |  |  |  |  |  |       |  |  |  |       |  |  |  |
| 35 / 35      |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          | 3         |  |  |  |  |  |  |  |  |  |  |       |  |  |  |       |  |  |  |
| 34 / 33      |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          | 2         |  |  |  |  |  |  |  |  |  |  |       |  |  |  |       |  |  |  |
| 32 / 31      |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          | 1         |  |  |  |  |  |  |  |  |  |  |       |  |  |  |       |  |  |  |
| TOTAL        | 17.5                                | 26.5 | 26.7 | 18.7 | 9.9 | 5.7  | 1.5   | .4    |       |       |       |       |       |       |       |       |    | 475       | 475      | 475      |           |  |  |  |  |  |  |  |  |  |  |       |  |  |  |       |  |  |  |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature |             |             |             |             |             | Total |
|-------------|--------------|------------|-----------|------------|----------|------------------------------------|-------------|-------------|-------------|-------------|-------------|-------|
| Rel. Hum.   | 2968032      | 36822      | 77.704    | 722        | 475      | $\leq 0 F$                         | $\leq 32 F$ | $\geq 67 F$ | $\geq 73 F$ | $\geq 80 F$ | $\geq 93 F$ |       |
| Dry Bulb    | 1309296      | 24822      | 52.3      | 5.068      | 475      |                                    |             | .4          |             |             |             | 93    |
| Wet Bulb    | 1121367      | 23015      | 48.5      | 3.625      | 475      |                                    |             |             |             |             |             | 93    |
| Dew Point   | 970795       | 21377      | 45.0      | 4.294      | 475      |                                    | .2          |             |             |             |             | 93    |

## PSYCHROMETRIC SUMMARY

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## PSYCHROMETRIC SUMMARY

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SPARREVOHN AFS ALASKA REVISED UNIFORM SUMMARY OF  
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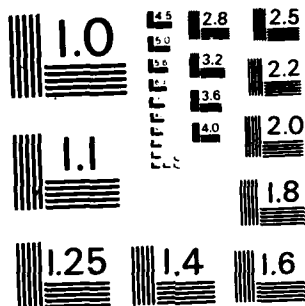
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MICROCOPY RESOLUTION TEST CHART  
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## PSYCHROMETRIC SUMMARY

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## PSYCHROMETRIC SUMMARY

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## PSYCHROMETRIC SUMMARY

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## PSYCHROMETRIC SUMMARY

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## PSYCHROMETRIC SUMMARY

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## PSYCHROMETRIC SUMMARY

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JUN 71

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71

## PSYCHROMETRIC SUMMARY

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## PSYCHROMETRIC SUMMARY

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## PSYCHROMETRIC SUMMARY

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USAFETAC FORM 0-26-3 (OL A. PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71)



## PSYCHROMETRIC SUMMARY

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| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  | TOTAL |  | TOTAL |  |
|--------------|-------------------------------------|------|------|------|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
|              | 0                                   | 1-2  | 3-4  | 5-6  | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 62/ 61       |                                     |      |      |      |     |      | .2    |       |       |       |       |       |       |       |       |       |      | 1         | 1        |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 58/ 57       |                                     |      |      |      |     | .2   | .6    |       |       |       |       |       |       |       |       |       |      | 5         | 5        |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 56/ 55       |                                     |      |      |      | .5  |      |       |       |       |       |       |       |       |       |       |       |      | 3         | 3        |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 54/ 53       |                                     |      | .2   | .3   | .2  |      |       |       |       |       |       |       |       |       |       |       |      | 4         | 4        |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 52/ 51       | .3                                  | 1.2  | .5   | .9   | .8  | .3   |       |       |       |       |       |       |       |       |       |       |      | 26        | 26       | 5        | 2         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 52/ 49       |                                     | .8   | 2.3  | 2.6  | .2  | .2   |       |       |       |       |       |       |       |       |       |       |      | 39        | 39       | 14       | 4         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 48/ 47       | .5                                  | 1.8  | 3.8  | 2.6  | .8  |      | .2    |       |       |       |       |       |       |       |       |       |      | 63        | 63       | 20       | 12        |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 46/ 45       |                                     | 3.8  | 5.8  | 3.5  | .3  | .2   |       |       |       |       |       |       |       |       |       |       |      | 89        | 89       | 44       | 8         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 44/ 43       | .8                                  | 4.6  | 4.3  | 1.5  |     |      |       |       |       |       |       |       |       |       |       |       |      | 73        | 73       | 85       | 38        |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 42/ 41       | .9                                  | 6.9  | 4.4  | 1.8  |     |      |       |       |       |       |       |       |       |       |       |       |      | 92        | 92       | 98       | 38        |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 40/ 39       | .5                                  | 4.9  | 4.6  | .8   |     |      |       |       |       |       |       |       |       |       |       |       |      | 70        | 70       | 116      | 104       |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 38/ 37       | .9                                  | 4.3  | .9   | .6   |     |      |       |       |       |       |       |       |       |       |       |       |      | 44        | 44       | 71       | 90        |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 36/ 35       | .5                                  | 3.1  | 2.3  | .5   |     |      |       |       |       |       |       |       |       |       |       |       |      | 41        | 41       | 57       | 76        |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 34/ 33       | .9                                  | 2.9  | .6   |      |     |      |       |       |       |       |       |       |       |       |       |       |      | 29        | 29       | 37       | 65        |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 32/ 31       | 3.1                                 | 3.5  | .8   |      |     |      |       |       |       |       |       |       |       |       |       |       |      | 48        | 48       | 60       | 97        |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 30/ 29       | .2                                  | .8   | .3   |      |     |      |       |       |       |       |       |       |       |       |       |       |      | 8         | 8        | 23       | 39        |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 28/ 27       |                                     | .6   |      |      |     |      |       |       |       |       |       |       |       |       |       |       |      | 4         | 4        | 7        | 27        |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 26/ 25       | 1.2                                 | .5   | .2   |      |     |      |       |       |       |       |       |       |       |       |       |       |      | 12        | 12       | 15       | 24        |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 24/ 23       | .3                                  |      | .3   |      |     |      |       |       |       |       |       |       |       |       |       |       |      | 4         | 4        | 4        | 13        |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 22/ 21       |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          | 11        |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 20/ 19       |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          | 1        | 4         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 18/ 17       |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          | 2         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 16/ 15       |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          | 1         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 14/ 13       |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 12/ 11       |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 10/ 9        |                                     |      |      |      |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| TOTAL        | 9.9                                 | 39.5 | 31.1 | 15.1 | 2.7 | 1.2  | .3    |       |       |       |       |       |       |       |       |       |      | 655       | 655      | 655      | 655       |  |  |  |  |  |  |  |  |  |  |       |  |       |  |

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

702350 SPARREVOHN AFS AK

73-81

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STATION

STATION NAME

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PAGE 1

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| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |      |        |      |      |      |                |       |          |       |                                    |        |        |        |        |        |       |      |      |          |          |           |  |  |  |  |  |  |  |  |  |     |      |     | TOTAL |    | TOTAL |  |
|--------------|-------------------------------------|------|--------|------|------|------|----------------|-------|----------|-------|------------------------------------|--------|--------|--------|--------|--------|-------|------|------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|-----|------|-----|-------|----|-------|--|
|              | 0                                   | 1-2  | 3-4    | 5-6  | 7-8  | 9-10 | 11-12          | 13-14 | 15-16    | 17-18 | 19-20                              | 21-22  | 23-24  | 25-26  | 27-28  | 29-30  | *31   | D.B. | W.B. | Dry Bulb | Wet Bulb | Dew Point |  |  |  |  |  |  |  |  |  |     |      |     |       |    |       |  |
| 70/ 69       |                                     |      |        |      |      | .0   |                |       |          |       |                                    |        |        |        |        |        |       |      |      |          |          |           |  |  |  |  |  |  |  |  |  |     | 1    | 1   |       |    |       |  |
| 68/ 67       |                                     |      |        | .0   |      | .0   |                |       |          |       |                                    |        |        |        |        |        |       |      |      |          |          |           |  |  |  |  |  |  |  |  |  |     | 4    | 4   |       |    |       |  |
| 66/ 65       |                                     |      |        | .0   | .0   | .0   | .1             | .1    |          |       |                                    |        |        |        |        |        |       |      |      |          |          |           |  |  |  |  |  |  |  |  |  | 13  | 13   |     |       |    |       |  |
| 64/ 63       |                                     |      |        | .0   | .0   | .0   | .2             | .1    |          |       |                                    |        |        |        |        |        |       |      |      |          |          |           |  |  |  |  |  |  |  |  |  | 25  | 25   |     |       |    |       |  |
| 62/ 61       |                                     |      |        | .0   | .0   | .1   | .3             | .1    |          |       |                                    |        |        |        |        |        |       |      |      |          |          |           |  |  |  |  |  |  |  |  |  | 40  | 40   | 1   |       |    |       |  |
| 60/ 59       |                                     | .0   | .0     | .1   | .3   | .5   | .2             | .0    |          |       |                                    |        |        |        |        |        |       |      |      |          |          |           |  |  |  |  |  |  |  |  |  | 68  | 68   | 2   | 1     |    |       |  |
| 58/ 57       |                                     | .0   | .1     | .1   | .3   | .5   | .1             |       |          |       |                                    |        |        |        |        |        |       |      |      |          |          |           |  |  |  |  |  |  |  |  |  | 75  | 75   | 8   |       |    |       |  |
| 56/ 55       |                                     | .2   | .3     | .4   | .9   | .5   | .1             |       |          |       |                                    |        |        |        |        |        |       |      |      |          |          |           |  |  |  |  |  |  |  |  |  | 137 | 137  | 12  | 2     |    |       |  |
| 54/ 53       | .0                                  | .3   | .7     | 1.1  | .9   | .5   | .1             |       |          |       |                                    |        |        |        |        |        |       |      |      |          |          |           |  |  |  |  |  |  |  |  |  | 220 | 220  | 39  | 14    |    |       |  |
| 52/ 51       | .1                                  | .5   | 1.3    | 1.6  | 1.3  | .4   |                |       |          |       |                                    |        |        |        |        |        |       |      |      |          |          |           |  |  |  |  |  |  |  |  |  | 317 | 317  | 118 | 32    |    |       |  |
| 50/ 49       | .0                                  | 1.4  | 3.2    | 2.3  | 1.1  | .1   |                |       |          |       |                                    |        |        |        |        |        |       |      |      |          |          |           |  |  |  |  |  |  |  |  |  | 501 | 501  | 198 | 57    |    |       |  |
| 48/ 47       | .2                                  | 2.5  | 3.1    | 2.5  | .9   | .3   | .1             |       |          |       |                                    |        |        |        |        |        |       |      |      |          |          |           |  |  |  |  |  |  |  |  |  | 584 | 584  | 389 | 106   |    |       |  |
| 46/ 45       | .2                                  | 3.9  | 4.6    | 2.5  | .4   |      |                |       |          |       |                                    |        |        |        |        |        |       |      |      |          |          |           |  |  |  |  |  |  |  |  |  | 724 | 724  | 646 | 237   |    |       |  |
| 44/ 43       | .3                                  | 5.7  | 3.6    | 1.5  | .1   |      |                |       |          |       |                                    |        |        |        |        |        |       |      |      |          |          |           |  |  |  |  |  |  |  |  |  | 684 | 684  | 739 | 935   |    |       |  |
| 42/ 41       | .7                                  | 5.8  | 2.8    | 1.1  | .1   |      |                |       |          |       |                                    |        |        |        |        |        |       |      |      |          |          |           |  |  |  |  |  |  |  |  |  | 643 | 643  | 935 | 582   |    |       |  |
| 40/ 39       | 1.1                                 | 4.5  | 3.0    | .4   | .0   |      |                |       |          |       |                                    |        |        |        |        |        |       |      |      |          |          |           |  |  |  |  |  |  |  |  |  | 549 | 549  | 830 | 914   |    |       |  |
| 38/ 37       | 1.2                                 | 3.3  | 1.2    | .3   | .0   |      |                |       |          |       |                                    |        |        |        |        |        |       |      |      |          |          |           |  |  |  |  |  |  |  |  |  | 371 | 371  | 612 | 815   |    |       |  |
| 36/ 35       | .8                                  | 2.7  | 1.1    | .2   | .0   |      |                |       |          |       |                                    |        |        |        |        |        |       |      |      |          |          |           |  |  |  |  |  |  |  |  |  | 294 | 294  | 428 | 681   |    |       |  |
| 34/ 33       | .6                                  | 2.6  | 1.0    | .0   |      |      |                |       |          |       |                                    |        |        |        |        |        |       |      |      |          |          |           |  |  |  |  |  |  |  |  |  | 260 | 260  | 299 | 510   |    |       |  |
| 32/ 31       | 2.1                                 | 2.5  | .5     | .0   |      |      |                |       |          |       |                                    |        |        |        |        |        |       |      |      |          |          |           |  |  |  |  |  |  |  |  |  | 320 | 320  | 383 | 724   |    |       |  |
| 30/ 29       | 1.1                                 | .9   | .3     | .0   |      |      |                |       |          |       |                                    |        |        |        |        |        |       |      |      |          |          |           |  |  |  |  |  |  |  |  |  | 138 | 138  | 246 | 339   |    |       |  |
| 28/ 27       | .6                                  | .6   | .1     |      |      |      |                |       |          |       |                                    |        |        |        |        |        |       |      |      |          |          |           |  |  |  |  |  |  |  |  |  | 78  | 78   | 115 | 253   |    |       |  |
| 26/ 25       | .5                                  | .4   | .2     |      |      |      |                |       |          |       |                                    |        |        |        |        |        |       |      |      |          |          |           |  |  |  |  |  |  |  |  |  | 68  | 68   | 77  | 189   |    |       |  |
| 24/ 23       | .2                                  | .1   | .0     |      |      |      |                |       |          |       |                                    |        |        |        |        |        |       |      |      |          |          |           |  |  |  |  |  |  |  |  |  | 20  | 20   | 45  | 92    |    |       |  |
| 22/ 21       | .0                                  | .0   |        |      |      |      |                |       |          |       |                                    |        |        |        |        |        |       |      |      |          |          |           |  |  |  |  |  |  |  |  |  | 6   | 6    | 15  | 76    |    |       |  |
| 20/ 19       |                                     |      |        |      |      |      |                |       |          |       |                                    |        |        |        |        |        |       |      |      |          |          |           |  |  |  |  |  |  |  |  |  |     |      |     | 3     | 48 |       |  |
| 18/ 17       |                                     |      |        |      |      |      |                |       |          |       |                                    |        |        |        |        |        |       |      |      |          |          |           |  |  |  |  |  |  |  |  |  |     |      |     |       | 8  |       |  |
| 16/ 15       |                                     |      |        |      |      |      |                |       |          |       |                                    |        |        |        |        |        |       |      |      |          |          |           |  |  |  |  |  |  |  |  |  |     |      |     |       | 5  |       |  |
| 14/ 13       |                                     |      |        |      |      |      |                |       |          |       |                                    |        |        |        |        |        |       |      |      |          |          |           |  |  |  |  |  |  |  |  |  |     |      |     |       | 16 |       |  |
| 12/ 11       |                                     |      |        |      |      |      |                |       |          |       |                                    |        |        |        |        |        |       |      |      |          |          |           |  |  |  |  |  |  |  |  |  |     |      |     |       | 2  |       |  |
| 10/ 9        |                                     |      |        |      |      |      |                |       |          |       |                                    |        |        |        |        |        |       |      |      |          |          |           |  |  |  |  |  |  |  |  |  |     |      |     |       | 2  |       |  |
| TOTAL        | 9.9                                 | 37.8 | 27.1   | 14.1 | 6.5  | 3.2  | 1.1            | .3    |          |       |                                    |        |        |        |        |        |       |      |      |          |          |           |  |  |  |  |  |  |  |  |  |     | 6140 |     | 6140  |    |       |  |
|              |                                     |      |        |      |      |      |                |       |          |       |                                    |        |        |        |        |        |       |      |      |          |          |           |  |  |  |  |  |  |  |  |  |     | 6140 |     | 6140  |    |       |  |
| Element (X)  | Σx'                                 |      | Σx     |      | X    |      | σ <sub>x</sub> |       | No. Obs. |       | Mean No. of Hours with Temperature |        |        |        |        |        |       |      |      |          | Total    |           |  |  |  |  |  |  |  |  |  |     |      |     |       |    |       |  |
| Rel. Hum.    | 38528938                            |      | 478102 |      | 77.9 |      | 14.556         |       | 6140     |       | ≤ 0 F                              | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | Total |      |      |          |          |           |  |  |  |  |  |  |  |  |  |     |      |     |       |    |       |  |
| Dry Bulb     | 11745628                            |      | 264492 |      | 43.1 |      | 7.574          |       | 6140     |       |                                    | 73.9   | .6     |        |        |        | 720   |      |      |          |          |           |  |  |  |  |  |  |  |  |  |     |      |     |       |    |       |  |
| Wet Bulb     | 10003836                            |      | 244960 |      | 39.9 |      | 6.134          |       | 6140     |       |                                    | 103.7  |        |        |        |        | 720   |      |      |          |          |           |  |  |  |  |  |  |  |  |  |     |      |     |       |    |       |  |
| Dew Point    | 8261560                             |      | 221866 |      | 36.1 |      | 6.311          |       | 6140     |       |                                    | 205.7  |        |        |        |        | 720   |      |      |          |          |           |  |  |  |  |  |  |  |  |  |     |      |     |       |    |       |  |

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

702350 SPARREVOHN AFS AK

73-81

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| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |    |          |          |          |  |           |  |                                    |  |  |  |  |  |  |  |  |  |       |  | TOTAL |  | TOTAL |  |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----|----------|----------|----------|--|-----------|--|------------------------------------|--|--|--|--|--|--|--|--|--|-------|--|-------|--|-------|--|
|              | 0                                   | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B. W.B. |    | Dry Bulb |          | Wet Bulb |  | Dew Point |  |                                    |  |  |  |  |  |  |  |  |  |       |  |       |  |       |  |
| 50/ 49       |                                     |     |     |     | .1  |      |       |       |       |       |       |       |       |       |       |       |      | 1         | 1  |          |          |          |  |           |  |                                    |  |  |  |  |  |  |  |  |  |       |  |       |  |       |  |
| 46/ 47       |                                     |     |     | .2  | .7  | .2   |       |       |       |       |       |       |       |       |       |       |      | 10        | 10 |          |          |          |  |           |  |                                    |  |  |  |  |  |  |  |  |  |       |  |       |  |       |  |
| 46/ 45       |                                     |     | .2  | .4  |     |      |       |       |       |       |       |       |       |       |       |       |      | 5         | 5  |          |          |          |  |           |  |                                    |  |  |  |  |  |  |  |  |  |       |  |       |  |       |  |
| 44/ 43       |                                     |     | .2  | 1.3 | .7  |      |       |       |       |       |       |       |       |       |       |       |      | 19        | 19 |          |          |          |  |           |  |                                    |  |  |  |  |  |  |  |  |  |       |  |       |  |       |  |
| 42/ 41       |                                     | .6  | 1.1 | 1.3 | .2  |      |       |       |       |       |       |       |       |       |       |       |      | 27        | 27 |          |          |          |  |           |  |                                    |  |  |  |  |  |  |  |  |  |       |  |       |  |       |  |
| 40/ 39       | .2                                  | 1.9 | 2.3 | 1.3 |     |      |       |       |       |       |       |       |       |       |       |       |      | 48        | 48 |          |          |          |  |           |  |                                    |  |  |  |  |  |  |  |  |  |       |  |       |  |       |  |
| 38/ 37       | .6                                  | 2.9 | 2.9 | 1.7 |     |      |       |       |       |       |       |       |       |       |       |       |      | 67        | 67 |          |          |          |  |           |  |                                    |  |  |  |  |  |  |  |  |  |       |  |       |  |       |  |
| 36/ 35       | 1.1                                 | 1.9 | 2.1 | .4  |     |      |       |       |       |       |       |       |       |       |       |       |      | 45        | 45 |          |          |          |  |           |  |                                    |  |  |  |  |  |  |  |  |  |       |  |       |  |       |  |
| 34/ 33       | 1.5                                 | 3.6 | 1.7 |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 56        | 56 |          |          |          |  |           |  |                                    |  |  |  |  |  |  |  |  |  |       |  |       |  |       |  |
| 32/ 31       | 3.8                                 | 4.5 | 1.6 | .2  |     |      |       |       |       |       |       |       |       |       |       |       |      | 83        | 83 |          |          |          |  |           |  |                                    |  |  |  |  |  |  |  |  |  |       |  |       |  |       |  |
| 30/ 29       | 3.2                                 | 3.9 | .5  |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 62        | 62 |          |          |          |  |           |  |                                    |  |  |  |  |  |  |  |  |  |       |  |       |  |       |  |
| 28/ 27       | 4.2                                 | 3.4 | .2  |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 63        | 63 |          |          |          |  |           |  |                                    |  |  |  |  |  |  |  |  |  |       |  |       |  |       |  |
| 26/ 25       | 1.6                                 | 4.5 | .1  | .2  |     |      |       |       |       |       |       |       |       |       |       |       |      | 53        | 53 |          |          |          |  |           |  |                                    |  |  |  |  |  |  |  |  |  |       |  |       |  |       |  |
| 24/ 23       | 1.2                                 | 1.2 | .2  |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 20        | 20 |          |          |          |  |           |  |                                    |  |  |  |  |  |  |  |  |  |       |  |       |  |       |  |
| 22/ 21       | 2.4                                 | 1.3 | .2  |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 33        | 33 |          |          |          |  |           |  |                                    |  |  |  |  |  |  |  |  |  |       |  |       |  |       |  |
| 20/ 19       | 5.4                                 | 3.9 | .2  |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 78        | 78 |          |          |          |  |           |  |                                    |  |  |  |  |  |  |  |  |  |       |  |       |  |       |  |
| 18/ 17       | 2.6                                 | 1.9 | .2  |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 39        | 39 |          |          |          |  |           |  |                                    |  |  |  |  |  |  |  |  |  |       |  |       |  |       |  |
| 16/ 15       | 1.8                                 | 2.3 |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 34        | 34 |          |          |          |  |           |  |                                    |  |  |  |  |  |  |  |  |  |       |  |       |  |       |  |
| 14/ 13       | 1.0                                 | .9  |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 15        | 15 |          |          |          |  |           |  |                                    |  |  |  |  |  |  |  |  |  |       |  |       |  |       |  |
| 12/ 11       | 1.0                                 | .2  |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 10        | 10 |          |          |          |  |           |  |                                    |  |  |  |  |  |  |  |  |  |       |  |       |  |       |  |
| 10/ 9        | .5                                  | .7  |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 10        | 10 |          |          |          |  |           |  |                                    |  |  |  |  |  |  |  |  |  |       |  |       |  |       |  |
| 8/ 7         | .7                                  | .2  |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 8         | 8  |          |          |          |  |           |  |                                    |  |  |  |  |  |  |  |  |  |       |  |       |  |       |  |
| 6/ 5         | .7                                  | .2  |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 8         | 8  |          |          |          |  |           |  |                                    |  |  |  |  |  |  |  |  |  |       |  |       |  |       |  |
| 4/ 3         | .9                                  |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 7         | 7  |          |          |          |  |           |  |                                    |  |  |  |  |  |  |  |  |  |       |  |       |  |       |  |
| 2/ 1         | .4                                  | .4  |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 6         | 6  |          |          |          |  |           |  |                                    |  |  |  |  |  |  |  |  |  |       |  |       |  |       |  |
| 0/ -1        | .5                                  |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 4         | 4  |          |          |          |  |           |  |                                    |  |  |  |  |  |  |  |  |  |       |  |       |  |       |  |
| -4/ -5       | .2                                  | .2  |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 4         | 4  |          |          |          |  |           |  |                                    |  |  |  |  |  |  |  |  |  |       |  |       |  |       |  |
| -6/ -7       | .4                                  |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 3         | 3  |          |          |          |  |           |  |                                    |  |  |  |  |  |  |  |  |  |       |  |       |  |       |  |
| -8/ -9       | .1                                  |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 1         | 1  |          |          |          |  |           |  |                                    |  |  |  |  |  |  |  |  |  |       |  |       |  |       |  |
| -10/ -11     | .9                                  |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 3         | 3  |          |          |          |  |           |  |                                    |  |  |  |  |  |  |  |  |  |       |  |       |  |       |  |
| -12/ -13     |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |    |          |          |          |  |           |  |                                    |  |  |  |  |  |  |  |  |  |       |  |       |  |       |  |
| -16/ -17     |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |    |          |          |          |  |           |  |                                    |  |  |  |  |  |  |  |  |  |       |  |       |  |       |  |
| -20/ -21     |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |    |          |          |          |  |           |  |                                    |  |  |  |  |  |  |  |  |  |       |  |       |  |       |  |
| -22/ -23     |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |    |          |          |          |  |           |  |                                    |  |  |  |  |  |  |  |  |  |       |  |       |  |       |  |
| Element (X)  | Σ X <sup>1</sup>                    |     |     |     |     | Σ X  |       |       |       |       | X     |       |       |       |       | Σ x   |      |           |    |          | No. Obs. |          |  |           |  | Mean No. of Hours with Temperature |  |  |  |  |  |  |  |  |  | Total |  |       |  |       |  |
| Rel. Hum.    |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |    |          |          |          |  |           |  |                                    |  |  |  |  |  |  |  |  |  |       |  |       |  |       |  |
| Dry Bulb     |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |    |          |          |          |  |           |  |                                    |  |  |  |  |  |  |  |  |  |       |  |       |  |       |  |
| Wet Bulb     |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |    |          |          |          |  |           |  |                                    |  |  |  |  |  |  |  |  |  |       |  |       |  |       |  |
| Dew Point    |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |    |          |          |          |  |           |  |                                    |  |  |  |  |  |  |  |  |  |       |  |       |  |       |  |

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

## PSYCHROMETRIC SUMMARY

73-81

**DCI**  
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| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |     |  |  |  |  |  |  |  |  | TOTAL |  |  | TOTAL |  |  |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|-----|--|--|--|--|--|--|--|--|-------|--|--|-------|--|--|
|              | 0                                   | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | * 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point |     |  |  |  |  |  |  |  |  |       |  |  |       |  |  |
| TOTAL        | 35.8                                | 1.0 | 4.0 | 7.2 | 1.8 | .2   |       |       |       |       |       |       |       |       |       |       |      |           |          | 822      |           | 822 |  |  |  |  |  |  |  |  |       |  |  |       |  |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |     |  |  |  |  |  |  |  |  |       |  |  |       |  |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |     |  |  |  |  |  |  |  |  |       |  |  |       |  |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |     |  |  |  |  |  |  |  |  |       |  |  |       |  |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |     |  |  |  |  |  |  |  |  |       |  |  |       |  |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |     |  |  |  |  |  |  |  |  |       |  |  |       |  |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |     |  |  |  |  |  |  |  |  |       |  |  |       |  |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |     |  |  |  |  |  |  |  |  |       |  |  |       |  |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |     |  |  |  |  |  |  |  |  |       |  |  |       |  |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |     |  |  |  |  |  |  |  |  |       |  |  |       |  |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |     |  |  |  |  |  |  |  |  |       |  |  |       |  |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |     |  |  |  |  |  |  |  |  |       |  |  |       |  |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |     |  |  |  |  |  |  |  |  |       |  |  |       |  |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |     |  |  |  |  |  |  |  |  |       |  |  |       |  |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |     |  |  |  |  |  |  |  |  |       |  |  |       |  |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |     |  |  |  |  |  |  |  |  |       |  |  |       |  |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |     |  |  |  |  |  |  |  |  |       |  |  |       |  |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |     |  |  |  |  |  |  |  |  |       |  |  |       |  |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |     |  |  |  |  |  |  |  |  |       |  |  |       |  |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |     |  |  |  |  |  |  |  |  |       |  |  |       |  |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |     |  |  |  |  |  |  |  |  |       |  |  |       |  |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |     |  |  |  |  |  |  |  |  |       |  |  |       |  |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |     |  |  |  |  |  |  |  |  |       |  |  |       |  |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |     |  |  |  |  |  |  |  |  |       |  |  |       |  |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |     |  |  |  |  |  |  |  |  |       |  |  |       |  |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |     |  |  |  |  |  |  |  |  |       |  |  |       |  |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |     |  |  |  |  |  |  |  |  |       |  |  |       |  |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |     |  |  |  |  |  |  |  |  |       |  |  |       |  |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |     |  |  |  |  |  |  |  |  |       |  |  |       |  |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |     |  |  |  |  |  |  |  |  |       |  |  |       |  |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |     |  |  |  |  |  |  |  |  |       |  |  |       |  |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |     |  |  |  |  |  |  |  |  |       |  |  |       |  |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |     |  |  |  |  |  |  |  |  |       |  |  |       |  |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |     |  |  |  |  |  |  |  |  |       |  |  |       |  |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |     |  |  |  |  |  |  |  |  |       |  |  |       |  |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |     |  |  |  |  |  |  |  |  |       |  |  |       |  |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |     |  |  |  |  |  |  |  |  |       |  |  |       |  |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |     |  |  |  |  |  |  |  |  |       |  |  |       |  |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |     |  |  |  |  |  |  |  |  |       |  |  |       |  |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |     |  |  |  |  |  |  |  |  |       |  |  |       |  |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |     |  |  |  |  |  |  |  |  |       |  |  |       |  |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |     |  |  |  |  |  |  |  |  |       |  |  |       |  |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |     |  |  |  |  |  |  |  |  |       |  |  |       |  |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |     |  |  |  |  |  |  |  |  |       |  |  |       |  |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |     |  |  |  |  |  |  |  |  |       |  |  |       |  |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |     |  |  |  |  |  |  |  |  |       |  |  |       |  |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |     |  |  |  |  |  |  |  |  |       |  |  |       |  |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |     |  |  |  |  |  |  |  |  |       |  |  |       |  |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |     |  |  |  |  |  |  |  |  |       |  |  |       |  |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |     |  |  |  |  |  |  |  |  |       |  |  |       |  |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |     |  |  |  |  |  |  |  |  |       |  |  |       |  |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |     |  |  |  |  |  |  |  |  |       |  |  |       |  |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |     |  |  |  |  |  |  |  |  |       |  |  |       |  |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |     |  |  |  |  |  |  |  |  |       |  |  |       |  |  |
|              |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |     |  |  |  |  |  |  |  |  |       |  |  |       |  |  |

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
(JUN 71)

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

702350 SPARREVOHN AFS AK

73-81

001

PAGE 1 0300-0500

| Temp<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |     |     |     |     |      |       |          |       |       |       |                                    |        |        |        |        |        |           |          |          | TOTAL     |       | TOTAL |    |
|-------------|-------------------------------------|-----|-----|-----|-----|------|-------|----------|-------|-------|-------|------------------------------------|--------|--------|--------|--------|--------|-----------|----------|----------|-----------|-------|-------|----|
|             | 0                                   | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14    | 15-16 | 17-18 | 19-20 | 21-22                              | 23-24  | 25-26  | 27-28  | 29-30  | ≥ 31   | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | TOTAL | TOTAL |    |
| 50/ 49      |                                     |     |     |     | .1  |      |       |          |       |       |       |                                    |        |        |        |        |        |           |          |          | 1         | 1     |       |    |
| 48/ 47      |                                     |     |     | .1  | .7  |      |       |          |       |       |       |                                    |        |        |        |        |        |           |          |          | 7         | 7     |       |    |
| 46/ 45      |                                     |     | .4  | .1  | .2  |      |       |          |       |       |       |                                    |        |        |        |        |        |           |          |          | 6         | 6     |       |    |
| 44/ 43      |                                     | .1  |     | .7  | .5  |      |       |          |       |       |       |                                    |        |        |        |        |        |           |          |          | 11        | 11    | 1     |    |
| 42/ 41      |                                     | .6  | 1.2 | 1.2 |     |      |       |          |       |       |       |                                    |        |        |        |        |        |           |          |          | 25        | 25    | 10    |    |
| 40/ 39      |                                     | 2.0 | 2.2 | 1.5 | .2  |      |       |          |       |       |       |                                    |        |        |        |        |        |           |          |          | 48        | 48    | 9     | 5  |
| 38/ 37      | .5                                  | 3.4 | 3.9 | .7  |     |      |       |          |       |       |       |                                    |        |        |        |        |        |           |          |          | 70        | 70    | 53    | 13 |
| 36/ 35      | .6                                  | 2.6 | 1.8 | .5  |     |      |       |          |       |       |       |                                    |        |        |        |        |        |           |          |          | 45        | 45    | 61    | 27 |
| 34/ 33      | 2.9                                 | 2.6 | 1.5 |     |     |      |       |          |       |       |       |                                    |        |        |        |        |        |           |          |          | 56        | 56    | 93    | 38 |
| 32/ 31      | 2.3                                 | 5.0 | 1.0 |     |     |      |       |          |       |       |       |                                    |        |        |        |        |        |           |          |          | 68        | 68    | 61    | 66 |
| 30/ 29      | 4.0                                 | 3.4 | .2  |     |     |      |       |          |       |       |       |                                    |        |        |        |        |        |           |          |          | 63        | 63    | 80    | 65 |
| 28/ 27      | 3.4                                 | 2.7 | .2  |     |     |      |       |          |       |       |       |                                    |        |        |        |        |        |           |          |          | 52        | 52    | 62    | 93 |
| 26/ 25      | 2.3                                 | 3.4 | .1  |     |     |      |       |          |       |       |       |                                    |        |        |        |        |        |           |          |          | 48        | 48    | 44    | 73 |
| 24/ 23      | 2.3                                 | 2.6 | .4  |     |     |      |       |          |       |       |       |                                    |        |        |        |        |        |           |          |          | 43        | 43    | 53    | 36 |
| 22/ 21      | 2.1                                 | 2.1 | .2  | .1  |     |      |       |          |       |       |       |                                    |        |        |        |        |        |           |          |          | 37        | 37    | 43    | 53 |
| 20/ 19      | 5.7                                 | 2.3 |     |     |     |      |       |          |       |       |       |                                    |        |        |        |        |        |           |          |          | 66        | 66    | 66    | 54 |
| 18/ 17      | 1.8                                 | 2.3 | .2  |     |     |      |       |          |       |       |       |                                    |        |        |        |        |        |           |          |          | 36        | 36    | 29    | 65 |
| 16/ 15      | 2.6                                 | 2.3 |     |     |     |      |       |          |       |       |       |                                    |        |        |        |        |        |           |          |          | 40        | 40    | 42    | 39 |
| 14/ 13      | 2.2                                 | 1.5 |     |     |     |      |       |          |       |       |       |                                    |        |        |        |        |        |           |          |          | 30        | 30    | 36    | 24 |
| 12/ 11      | 1.0                                 | .9  |     |     |     |      |       |          |       |       |       |                                    |        |        |        |        |        |           |          |          | 11        | 11    | 19    | 29 |
| 10/ 9       | .5                                  | .6  |     |     |     |      |       |          |       |       |       |                                    |        |        |        |        |        |           |          |          | 9         | 9     | 7     | 34 |
| 8/ 7        | 1.2                                 | .1  |     |     |     |      |       |          |       |       |       |                                    |        |        |        |        |        |           |          |          | 11        | 11    | 13    | 17 |
| 6/ 5        | .5                                  | .5  |     |     |     |      |       |          |       |       |       |                                    |        |        |        |        |        |           |          |          | 8         | 8     | 9     | 11 |
| 4/ 3        | .2                                  |     |     |     |     |      |       |          |       |       |       |                                    |        |        |        |        |        |           |          |          | 2         | 2     | 2     | 18 |
| 2/ 1        | 1.3                                 | .2  |     |     |     |      |       |          |       |       |       |                                    |        |        |        |        |        |           |          |          | 10        | 10    | 9     | 10 |
| 0/ -1       | .6                                  |     |     |     |     |      |       |          |       |       |       |                                    |        |        |        |        |        |           |          |          | 5         | 5     | 6     | 11 |
| -2/ -3      | .4                                  |     |     |     |     |      |       |          |       |       |       |                                    |        |        |        |        |        |           |          |          | 3         | 3     | 3     | 2  |
| -4/ -5      |                                     | .1  |     |     |     |      |       |          |       |       |       |                                    |        |        |        |        |        |           |          |          | 1         | 1     |       | 2  |
| -6/ -7      | .2                                  |     |     |     |     |      |       |          |       |       |       |                                    |        |        |        |        |        |           |          |          | 2         | 2     | 3     | 2  |
| -8/ -9      | .4                                  |     |     |     |     |      |       |          |       |       |       |                                    |        |        |        |        |        |           |          |          | 3         | 3     | 3     | 3  |
| -10/ -11    | .2                                  |     |     |     |     |      |       |          |       |       |       |                                    |        |        |        |        |        |           |          |          | 2         | 2     | 2     | 2  |
| -12/ -13    | .1                                  |     |     |     |     |      |       |          |       |       |       |                                    |        |        |        |        |        |           |          |          | 1         | 1     | 1     | 2  |
| -14/ -15    |                                     |     |     |     |     |      |       |          |       |       |       |                                    |        |        |        |        |        |           |          |          |           |       |       | 1  |
| -16/ -19    |                                     |     |     |     |     |      |       |          |       |       |       |                                    |        |        |        |        |        |           |          |          |           |       |       | 2  |
| Element (X) | Σ X                                 |     |     |     | Σ X | X    | °X    | No. Obs. |       |       |       | Mean No. of Hours with Temperature |        |        |        |        |        |           |          |          |           |       | Total |    |
| Rel. Hum.   |                                     |     |     |     |     |      |       |          |       |       |       | ≤ 0 F                              | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F |           |          |          |           |       |       |    |
| Dry Bulb    |                                     |     |     |     |     |      |       |          |       |       |       |                                    |        |        |        |        |        |           |          |          |           |       |       |    |
| Wet Bulb    |                                     |     |     |     |     |      |       |          |       |       |       |                                    |        |        |        |        |        |           |          |          |           |       |       |    |
| Dew Point   |                                     |     |     |     |     |      |       |          |       |       |       |                                    |        |        |        |        |        |           |          |          |           |       |       |    |

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

## PSYCHROMETRIC SUMMARY

YEARS

Q51

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USAFETAC FORM 0-26.3 (OL A, PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71

## PSYCHROMETRIC SUMMARY

702350      SPARREY JHN AFS AK  
STATION      STATION

73-81

-ac

PAGE 1 ~~3600-0800~~

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |     |     |     |     |      |       |       |       |       |          |       |                                    |       |        |       |        |           |          |          |           |  |        |  |       |  |  |  |  |  |  | TOTAL |  | TOTAL |  |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|----------|-------|------------------------------------|-------|--------|-------|--------|-----------|----------|----------|-----------|--|--------|--|-------|--|--|--|--|--|--|-------|--|-------|--|
|              | 0                                   | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20    | 21-22 | 23-24                              | 25-26 | 27-28  | 29-30 | 31     | D.B. W.B. | Dr. Bulb | Wet Bulb | Dew Point |  |        |  |       |  |  |  |  |  |  |       |  |       |  |
| 50/ 49       |                                     |     |     |     | .2  |      |       |       |       |       |          |       |                                    |       |        |       |        | 2         | 2        |          |           |  |        |  |       |  |  |  |  |  |  |       |  |       |  |
| 49/ 47       |                                     |     | .2  |     | .5  | .1   |       |       |       |       |          |       |                                    |       |        |       |        | 7         | 7        |          |           |  |        |  |       |  |  |  |  |  |  |       |  |       |  |
| 46/ 45       |                                     |     |     | .1  | 1.0 |      |       |       |       |       |          |       |                                    |       |        |       |        | 9         | 9        |          |           |  |        |  |       |  |  |  |  |  |  |       |  |       |  |
| 44/ 43       |                                     | .2  | .4  | .6  | .2  |      |       |       |       |       |          |       |                                    |       |        |       |        | 12        | 12       | 3        |           |  |        |  |       |  |  |  |  |  |  |       |  |       |  |
| 42/ 41       |                                     | .9  | 1.1 | 1.3 | .4  | .1   |       |       |       |       |          |       |                                    |       |        |       |        | 31        | 31       | 8        |           |  |        |  |       |  |  |  |  |  |  |       |  |       |  |
| 40/ 39       |                                     | 1.7 | 3.0 | 2.2 | .2  |      |       |       |       |       |          |       |                                    |       |        |       |        | 59        | 59       | 15       | 8         |  |        |  |       |  |  |  |  |  |  |       |  |       |  |
| 38/ 37       | .2                                  | 2.8 | 2.1 | 1.1 |     |      |       |       |       |       |          |       |                                    |       |        |       |        | 51        | 51       | 49       | 9         |  |        |  |       |  |  |  |  |  |  |       |  |       |  |
| 36/ 35       | .2                                  | 3.8 | 1.9 | .2  |     |      |       |       |       |       |          |       |                                    |       |        |       |        | 51        | 51       | 73       | 22        |  |        |  |       |  |  |  |  |  |  |       |  |       |  |
| 34/ 33       | 3.0                                 | 2.3 | 1.3 |     |     |      |       |       |       |       |          |       |                                    |       |        |       |        | 55        | 55       | 92       | 50        |  |        |  |       |  |  |  |  |  |  |       |  |       |  |
| 32/ 31       | 2.2                                 | 5.5 | 1.3 |     |     |      |       |       |       |       |          |       |                                    |       |        |       |        | 74        | 74       | 60       | 85        |  |        |  |       |  |  |  |  |  |  |       |  |       |  |
| 30/ 29       | 3.6                                 | 2.4 | .5  |     |     |      |       |       |       |       |          |       |                                    |       |        |       |        | 54        | 54       | 71       | 84        |  |        |  |       |  |  |  |  |  |  |       |  |       |  |
| 28/ 27       | 3.2                                 | 2.7 |     |     |     |      |       |       |       |       |          |       |                                    |       |        |       |        | 48        | 48       | 65       | 70        |  |        |  |       |  |  |  |  |  |  |       |  |       |  |
| 26/ 25       | 3.5                                 | 2.1 | .9  |     |     |      |       |       |       |       |          |       |                                    |       |        |       |        | 53        | 53       | 49       | 71        |  |        |  |       |  |  |  |  |  |  |       |  |       |  |
| 24/ 23       | 1.6                                 | 1.6 |     |     |     |      |       |       |       |       |          |       |                                    |       |        |       |        | 26        | 26       | 40       | 50        |  |        |  |       |  |  |  |  |  |  |       |  |       |  |
| 22/ 21       | 2.4                                 | 2.8 | .1  |     |     |      |       |       |       |       |          |       |                                    |       |        |       |        | 44        | 44       | 45       | 52        |  |        |  |       |  |  |  |  |  |  |       |  |       |  |
| 20/ 19       | 3.8                                 | 3.0 | .1  |     |     |      |       |       |       |       |          |       |                                    |       |        |       |        | 57        | 57       | 47       | 50        |  |        |  |       |  |  |  |  |  |  |       |  |       |  |
| 18/ 17       | 3.5                                 | 2.9 |     |     |     |      |       |       |       |       |          |       |                                    |       |        |       |        | 53        | 53       | 50       | 42        |  |        |  |       |  |  |  |  |  |  |       |  |       |  |
| 16/ 15       | 1.9                                 | 1.6 |     |     |     |      |       |       |       |       |          |       |                                    |       |        |       |        | 29        | 29       | 38       | 46        |  |        |  |       |  |  |  |  |  |  |       |  |       |  |
| 14/ 13       | 2.2                                 | 1.3 |     |     |     |      |       |       |       |       |          |       |                                    |       |        |       |        | 29        | 29       | 35       | 34        |  |        |  |       |  |  |  |  |  |  |       |  |       |  |
| 12/ 11       | 1.7                                 | .7  |     |     |     |      |       |       |       |       |          |       |                                    |       |        |       |        | 20        | 20       | 19       | 33        |  |        |  |       |  |  |  |  |  |  |       |  |       |  |
| 10/ 9        | .7                                  | .5  |     |     |     |      |       |       |       |       |          |       |                                    |       |        |       |        | 10        | 10       | 12       | 34        |  |        |  |       |  |  |  |  |  |  |       |  |       |  |
| 8/ 7         | 1.2                                 | .5  |     |     |     |      |       |       |       |       |          |       |                                    |       |        |       |        | 14        | 14       | 13       | 20        |  |        |  |       |  |  |  |  |  |  |       |  |       |  |
| 6/ 5         | .5                                  | .4  |     |     |     |      |       |       |       |       |          |       |                                    |       |        |       |        | 7         | 7        | 11       | 11        |  |        |  |       |  |  |  |  |  |  |       |  |       |  |
| 4/ 3         | .7                                  |     |     |     |     |      |       |       |       |       |          |       |                                    |       |        |       |        | 6         | 6        | 6        | 8         |  |        |  |       |  |  |  |  |  |  |       |  |       |  |
| 2/ 1         |                                     |     |     |     |     |      |       |       |       |       |          |       |                                    |       |        |       |        |           |          |          | 15        |  |        |  |       |  |  |  |  |  |  |       |  |       |  |
| 0/ -1        | .7                                  |     |     |     |     |      |       |       |       |       |          |       |                                    |       |        |       |        | 6         | 6        | 6        | 4         |  |        |  |       |  |  |  |  |  |  |       |  |       |  |
| -2/ -3       | .4                                  |     |     |     |     |      |       |       |       |       |          |       |                                    |       |        |       |        | 3         | 3        | 3        | 4         |  |        |  |       |  |  |  |  |  |  |       |  |       |  |
| -4/ -5       | .5                                  | .1  |     |     |     |      |       |       |       |       |          |       |                                    |       |        |       |        | 5         | 5        | 4        | 2         |  |        |  |       |  |  |  |  |  |  |       |  |       |  |
| -6/ -7       | .1                                  | .1  |     |     |     |      |       |       |       |       |          |       |                                    |       |        |       |        | 2         | 2        | 3        | 2         |  |        |  |       |  |  |  |  |  |  |       |  |       |  |
| -8/ -9       | .2                                  |     |     |     |     |      |       |       |       |       |          |       |                                    |       |        |       |        | 2         | 2        | 2        | 3         |  |        |  |       |  |  |  |  |  |  |       |  |       |  |
| -10/ -11     |                                     |     |     |     |     |      |       |       |       |       |          |       |                                    |       |        |       |        |           |          |          | 6         |  |        |  |       |  |  |  |  |  |  |       |  |       |  |
| -12/ -13     | .2                                  |     |     |     |     |      |       |       |       |       |          |       |                                    |       |        |       |        | 2         | 2        | 2        |           |  |        |  |       |  |  |  |  |  |  |       |  |       |  |
| -14/ -15     | .1                                  |     |     |     |     |      |       |       |       |       |          |       |                                    |       |        |       |        | 1         | 1        | 1        | 1         |  |        |  |       |  |  |  |  |  |  |       |  |       |  |
| -20/ -21     |                                     |     |     |     |     |      |       |       |       |       |          |       |                                    |       |        |       |        |           |          |          |           |  |        |  |       |  |  |  |  |  |  |       |  |       |  |
| Element (X)  | Σ X <sup>2</sup>                    |     | Σ X |     | Σ   |      | Σ     |       | Σ     |       | No. Obs. |       | Mean No. of Hours with Temperature |       |        |       |        |           |          |          |           |  |        |  |       |  |  |  |  |  |  |       |  |       |  |
| Rel. Hum.    |                                     |     |     |     |     |      |       |       |       |       |          |       | ± 0 F                              |       | ± 32 F |       | ± 67 F |           | ± 73 F   |          | ± 80 F    |  | ± 93 F |  | Total |  |  |  |  |  |  |       |  |       |  |
| Dry Bulb     |                                     |     |     |     |     |      |       |       |       |       |          |       |                                    |       |        |       |        |           |          |          |           |  |        |  |       |  |  |  |  |  |  |       |  |       |  |
| Wet Bulb     |                                     |     |     |     |     |      |       |       |       |       |          |       |                                    |       |        |       |        |           |          |          |           |  |        |  |       |  |  |  |  |  |  |       |  |       |  |
| Dew Point    |                                     |     |     |     |     |      |       |       |       |       |          |       |                                    |       |        |       |        |           |          |          |           |  |        |  |       |  |  |  |  |  |  |       |  |       |  |

## PSYCHROMETRIC SUMMARY

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STATION

SPARREVOHN AFS AK  
STATION NAME

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YEARS

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HOURS L. S. T.

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## PSYCHROMETRIC SUMMARY

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HOURS - S. T.

|               |                          |
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| <u>702350</u> | <u>SPARREVOHN AFS AK</u> |
| STATION       | STATION NAME             |

## PSYCHROMETRIC SUMMARY

702350 SPARREVOHN AFS AK 73-81 OCT  
STATION STATION NAME YEARS MONTH  
PAGE 2 1922-1100

## PSYCHROMETRIC SUMMARY

702350      SPARREVOHN AFS AK  
STATION      STATION NAME

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HOURS S.T.

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## PSYCHROMETRIC SUMMARY

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| <u>702350</u> | <u>SPARREVOHN AFS AK</u> |
| STATION       | STATION NAME             |

73-81

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## PSYCHROMETRIC SUMMARY

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| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |     |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |      |  |  |  |  |  |  |  |  |  | TOTAL |  | TOTAL |  |
|--------------|-------------------------------------|-----|------|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|------|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
|              | 0                                   | 1-2 | 3-4  | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | + 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point |      |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 14/-15       | .0                                  |     |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           | 1        | 1        | 1         | 4    |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 16/-17       |                                     |     |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           | 5    |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 18/-19       |                                     |     |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           | 11   |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 20/-21       |                                     |     |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           | 12   |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 22/-23       |                                     |     |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           | 6    |  |  |  |  |  |  |  |  |  |       |  |       |  |
| TOTAL        | 33.14                               | 0.4 | 15.1 | 8.4 | 2.3 | .6   | .0    |       |       |       |       |       |       |       |       |       |      |           | 6222     | 6223     |           | 6222 |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |     |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |      |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |     |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |      |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |     |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |      |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |     |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |      |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |     |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |      |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |     |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |      |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |     |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |      |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |     |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |      |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |     |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |      |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |     |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |      |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |     |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |      |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |     |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |      |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |     |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |      |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |     |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |      |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |     |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |      |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |     |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |      |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |     |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |      |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |     |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |      |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |     |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |      |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |     |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |      |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |     |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |      |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |     |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |      |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |     |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |      |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |     |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |      |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |     |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |      |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |     |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |      |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |     |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |      |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |     |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |      |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |     |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |      |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |     |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |      |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |     |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |      |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |     |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |      |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |     |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |      |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |     |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |      |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |     |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |      |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |     |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |      |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |     |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |      |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |     |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |      |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |     |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |      |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |     |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |      |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |     |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |      |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |     |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |      |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |     |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |      |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |     |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |      |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |     |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |      |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |     |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |      |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |     |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |      |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |     |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |      |  |  |  |  |  |  |  |  |  |       |  |       |  |
|              |                                     |     |      |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |      |  |  |  |  |  |  |  |  |  |       |  |       |  |

## PSYCHROMETRIC SUMMARY

7.2350                      SPARREVOHN AFS AK  
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| 702350  | SPARREVOHN AFS AK |
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STATION                                      STATION NAME

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USAFETAC FORM 0-26-3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
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GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

702350 SPAPREVONH AFS AK  
STATION STATION NAME

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PAGE 1 1922-1123

| Temp<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |     |     |     |     |     |    |    |    |    |    |    |    |    |    |    | TOTAL |           | TOTAL    |          |           |     |
|-------------|-------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|-------|-----------|----------|----------|-----------|-----|
|             | 0                                   | 1    | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11   | 12   | 13   | 14   | 15   | 16  | 17  | 18  | 19  | 20  | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31    | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point |     |
| -22/-23     |                                     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |     |     |     |     |     |    |    |    |    |    |    |    |    |    |    |       |           |          |          |           | 5   |
| -24/-25     |                                     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |     |     |     |     |     |    |    |    |    |    |    |    |    |    |    |       |           |          |          |           | 3   |
| -26/-27     |                                     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |     |     |     |     |     |    |    |    |    |    |    |    |    |    |    |       |           |          |          |           | 4   |
| -28/-29     |                                     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |     |     |     |     |     |    |    |    |    |    |    |    |    |    |    |       |           |          |          |           | 1   |
| -30/-31     |                                     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |     |     |     |     |     |    |    |    |    |    |    |    |    |    |    |       |           |          |          |           | 3   |
| -32/-33     |                                     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |     |     |     |     |     |    |    |    |    |    |    |    |    |    |    |       |           |          |          |           | 1   |
| TOTAL       | 39.1                                | 38.1 | 36.1 | 34.1 | 32.1 | 30.1 | 28.1 | 26.1 | 24.1 | 22.1 | 20.1 | 18.1 | 16.1 | 14.1 | 12.1 | 10.1 | 8.1 | 6.1 | 4.1 | 2.1 | 0.1 |    |    |    |    |    |    |    |    |    |    |       |           |          | 797      | 797       | 797 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature |        |        |        |        |        | Total |
|-------------|--------------|------------|-----------|------------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
| Rel. Hum.   | 4798047      | 60637      | 76.1      | 15.2       | 797      | ± 0 F                              | ± 32 F | ± 67 F | ± 73 F | ± 80 F | ± 93 F |       |
| Dry Bulb    | 428192       | 14296      | 17.9      | 4.6        | 797      | 14.0                               | 75.7   |        |        |        |        | 90    |
| Wet Bulb    | 367672       | 13156      | 16.5      | 3.7        | 797      | 14.3                               | 82.8   |        |        |        |        | 90    |
| Dew Point   | 285933       | 8933       | 11.2      | 1.5        | 797      | 21.1                               | 87.4   |        |        |        |        | 90    |

## PSYCHROMETRIC SUMMARY

73-81

424

PAGE : 1400-1400

[illegible]



## PSYCHROMETRIC SUMMARY

73-81

428

PAGE 1 1500-1700

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |     |     |     |     |      |                |       |          |       |                                    |       |        |       |        |       |        |           |          |          |           |  |  |  |  |  |  |  |  |  |  | TOTAL |  | TOTAL |  |
|--------------|-------------------------------------|-----|-----|-----|-----|------|----------------|-------|----------|-------|------------------------------------|-------|--------|-------|--------|-------|--------|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
|              | 0                                   | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12          | 13-14 | 15-16    | 17-18 | 19-20                              | 21-22 | 23-24  | 25-26 | 27-28  | 29-30 | 31     | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 46/ 45       |                                     | .1  | .1  | .3  |     |      |                |       |          |       |                                    |       |        |       |        |       |        | 4         | 4        |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 44/ 43       |                                     | .3  |     | .1  |     |      |                |       |          |       |                                    |       |        |       |        |       |        | 5         | 5        | 1        |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 42/ 41       |                                     | .4  |     |     | .3  | .1   |                |       |          |       |                                    |       |        |       |        |       |        | 6         | 6        | 3        | 2         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 40/ 39       |                                     | .1  | .6  | .8  | .1  |      |                |       |          |       |                                    |       |        |       |        |       |        | 13        | 13       | 5        | 1         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 38/ 37       | .1                                  | .1  | 1.3 | .6  | .5  |      |                |       |          |       |                                    |       |        |       |        |       |        | 21        | 21       | 3        | 4         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 36/ 35       | .3                                  | 1.9 | 1.2 | 2.2 | .1  |      |                |       |          |       |                                    |       |        |       |        |       |        | 44        | 44       | 16       | 2         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 34/ 33       | .3                                  | 1.8 | 2.5 | .3  | .1  |      |                |       |          |       |                                    |       |        |       |        |       |        | 38        | 38       | 32       | 8         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 32/ 31       | 1.5                                 | 2.9 | 2.6 | .3  | .1  |      |                |       |          |       |                                    |       |        |       |        |       |        | 57        | 57       | 53       | 28        |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 30/ 29       | 2.7                                 | 2.3 | 1.7 | .5  |     |      |                |       |          |       |                                    |       |        |       |        |       |        | 56        | 56       | 40       | 37        |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 28/ 27       | 1.5                                 | 2.2 | .9  | .3  |     |      |                |       |          |       |                                    |       |        |       |        |       |        | 38        | 38       | 46       | 44        |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 26/ 25       | .8                                  | 3.8 | .8  | .1  |     |      |                |       |          |       |                                    |       |        |       |        |       |        | 42        | 42       | 49       | 40        |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 24/ 23       | .8                                  | 1.4 | .6  |     |     |      |                |       |          |       |                                    |       |        |       |        |       |        | 22        | 22       | 38       | 34        |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 22/ 21       | 1.2                                 | 1.6 | 1.4 | .1  |     |      |                |       |          |       |                                    |       |        |       |        |       |        | 33        | 33       | 76       | 50        |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 20/ 19       | 1.7                                 | 1.7 | .8  | .1  |     |      |                |       |          |       |                                    |       |        |       |        |       |        | 33        | 33       | 36       | 61        |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 18/ 17       | 1.8                                 | 1.9 | .1  | .1  |     |      |                |       |          |       |                                    |       |        |       |        |       |        | 31        | 31       | 35       | 29        |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 16/ 15       | 2.5                                 | .8  | .5  | .1  |     |      |                |       |          |       |                                    |       |        |       |        |       |        | 30        | 32       | 36       | 35        |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 14/ 13       | 1.7                                 | 3.1 | .3  |     |     |      |                |       |          |       |                                    |       |        |       |        |       |        | 39        | 39       | 77       | 45        |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 12/ 11       | 1.8                                 | 2.1 |     |     |     |      |                |       |          |       |                                    |       |        |       |        |       |        | 30        | 30       | 37       | 23        |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 10/ 9        | 1.4                                 | 2.6 | .1  |     |     |      |                |       |          |       |                                    |       |        |       |        |       |        | 32        | 32       | 35       | 30        |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 8/ 7         | .6                                  | .9  |     |     |     |      |                |       |          |       |                                    |       |        |       |        |       |        | 12        | 12       | 19       | 38        |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 6/ 5         | .4                                  | 2.1 |     |     |     |      |                |       |          |       |                                    |       |        |       |        |       |        | 19        | 19       | 14       | 19        |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 4/ 3         | 1.6                                 | .8  |     |     |     |      |                |       |          |       |                                    |       |        |       |        |       |        | 18        | 18       | 27       | 26        |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 2/ 1         | 1.9                                 | 1.4 |     |     |     |      |                |       |          |       |                                    |       |        |       |        |       |        | 26        | 26       | 22       | 23        |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 0/ -1        | 1.6                                 | .6  |     |     |     |      |                |       |          |       |                                    |       |        |       |        |       |        | 17        | 17       | 17       | 30        |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| -2/ -3       | 2.1                                 | .5  |     |     |     |      |                |       |          |       |                                    |       |        |       |        |       |        | 20        | 27       | 25       | 15        |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| -4/ -5       | 2.2                                 | .4  |     |     |     |      |                |       |          |       |                                    |       |        |       |        |       |        | 20        | 20       | 20       | 11        |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| -6/ -7       | 2.5                                 | .4  |     |     |     |      |                |       |          |       |                                    |       |        |       |        |       |        | 22        | 22       | 19       | 8         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| -8/ -9       | 3.0                                 |     |     |     |     |      |                |       |          |       |                                    |       |        |       |        |       |        | 23        | 23       | 26       | 19        |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| -10/ -11     | .6                                  |     |     |     |     |      |                |       |          |       |                                    |       |        |       |        |       |        | 5         | 5        | 5        | 20        |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| -12/ -13     | .8                                  |     |     |     |     |      |                |       |          |       |                                    |       |        |       |        |       |        | 6         | 6        | 6        | 18        |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| -14/ -15     | .6                                  |     |     |     |     |      |                |       |          |       |                                    |       |        |       |        |       |        | 5         | 5        | 5        | 32        |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| -16/ -17     | .4                                  |     |     |     |     |      |                |       |          |       |                                    |       |        |       |        |       |        | 3         | 3        | 3        | 7         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| -18/ -19     | .1                                  |     |     |     |     |      |                |       |          |       |                                    |       |        |       |        |       |        | 1         | 1        | 1        | 15        |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| -20/ -21     |                                     |     |     |     |     |      |                |       |          |       |                                    |       |        |       |        |       |        |           |          |          | 5         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| Element (X)  | Σ X'                                |     | Σ X |     | X̄  |      | s <sub>x</sub> |       | No. Obs. |       | Mean No. of Hours with Temperature |       |        |       |        |       |        |           |          |          | Total     |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| Rel. Hum.    |                                     |     |     |     |     |      |                |       |          |       | ± 0 F                              |       | ± 32 F |       | ± 67 F |       | ± 73 F |           | ± 80 F   |          | ± 93 F    |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| Dry Bulb     |                                     |     |     |     |     |      |                |       |          |       |                                    |       |        |       |        |       |        |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| Wet Bulb     |                                     |     |     |     |     |      |                |       |          |       |                                    |       |        |       |        |       |        |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| Dew Point    |                                     |     |     |     |     |      |                |       |          |       |                                    |       |        |       |        |       |        |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |

## PSYCHROMETRIC SUMMARY

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404

PAGE 2 1510-1700

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |           |          |          |           |  |  |  |  |  |  |  |  |  |  | TOTAL |  | TOTAL |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|              | 0                                   | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | +31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point |  |  |  |  |  |  |  |  |  |  |       |  |       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 27-22        |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |







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| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |     |           |          |          |           |  |  |  |  |  |  |  |  |  |  | TOTAL |  | TOTAL |  |
|--------------|-------------------------------------|------|------|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
|              | 0                                   | 1-2  | 3-4  | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | +31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| -27/-27      | .5                                  |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |     | 4         | 4        | 4        | 11        |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| -27/-29      | .8                                  |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |     | 7         | 7        | 7        | 20        |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| -27/-31      | .1                                  |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |     | 1         | 1        | 1        | 11        |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| -27/-33      | .5                                  |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |     | 4         | 4        | 4        | 15        |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| -34/-35      |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |     |           |          |          | 1         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| -34/-37      |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |     |           | 1        |          | 9         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| -34/-39      |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |     |           |          |          | 3         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| -41/-41      |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |     |           |          |          | 3         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| -42/-43      |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |     |           | 1        |          | 2         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| -44/-45      |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |     |           |          |          | 2         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| -45/-47      |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |     |           |          |          | 1         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| -48/-49      |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |     |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| -49/-51      |                                     |      |      |     |     |      |       |       |       |       |       |       |       |       |       |       |     |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| TOTAL        | 57.7                                | 36.3 | 10.7 | 1.8 | .4  | .1   |       |       |       |       |       |       |       |       |       |       |     | 924       | 932      | 624      | 924       |  |  |  |  |  |  |  |  |  |  |       |  |       |  |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $s^2$  | No. Obs. | Mean No. of Hours with Temperature |        |        |        |        | Total  |    |
|-------------|--------------|------------|-----------|--------|----------|------------------------------------|--------|--------|--------|--------|--------|----|
|             |              |            |           |        |          | + 0 F                              | + 32 F | + 64 F | + 73 F | + 80 F | + 93 F |    |
| Rel. Hum.   | 4593502      | 50412      | 73.3      | 4.132  | 824      |                                    |        |        |        |        |        |    |
| Dry Bulb    | 351725       | 7117       | 8.6       | 19.726 | 824      | 32.5                               | 65.6   |        |        |        |        | 93 |
| Wet Bulb    | 301073       | 6567       | 8.0       | 17.385 | 824      | 33.1                               | 89.6   |        |        |        |        | 93 |
| Dew Point   | 313918       | 1546       | 1.9       | 19.440 | 824      | 41.0                               | 92.7   |        |        |        |        | 93 |

USAFETAC FORM 0-26 3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

702300 SPARREVOHN AFS AK  
STATION STATION NAME

73-81  
YEARS

DEC

PAGE 2 1200-1400

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |      |       |     |      |      |                |       |          |       |  |       |       |       |       |       |       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |     | TOTAL<br>D.B. W.B. | TOTAL<br>Dry Bulb Wet Bulb Dew Point |   |
|--------------|-------------------------------------|------|-------|-----|------|------|----------------|-------|----------|-------|--|-------|-------|-------|-------|-------|-------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|-----|--------------------|--------------------------------------|---|
|              | 0                                   | 1-2  | 3-4   | 5-6 | 7-8  | 9-10 | 11-12          | 13-14 | 15-16    | 17-18 | 19-20                                    | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |     |                    |                                      |   |
| -25/-29      | .5                                  |      |       |     |      |      |                |       |          |       |  |       |       |       |       |       |       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   | 4   | 4                  | 4                                    | 2 |
| -30/-31      | .1                                  |      |       |     |      |      |                |       |          |       |  |       |       |       |       |       |       |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 | 2   | 1                  | 12                                   |   |
| -32/-33      | .5                                  |      |       |     |      |      |                |       |          |       |  |       |       |       |       |       |       |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 4 | 4   | 4                  | 8                                    |   |
| -34/-35      |                                     |      |       |     |      |      |                |       |          |       |  |       |       |       |       |       |       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |     |                    | 9                                    |   |
| -36/-37      |                                     |      |       |     |      |      |                |       |          |       |  |       |       |       |       |       |       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |     |                    | 10                                   |   |
| -38/-39      |                                     |      |       |     |      |      |                |       |          |       |  |       |       |       |       |       |       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   | 2   |                    | 4                                    |   |
| -40/-41      |                                     |      |       |     |      |      |                |       |          |       |  |       |       |       |       |       |       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   | 1   |                    |                                      |   |
| -42/-43      |                                     |      |       |     |      |      |                |       |          |       |  |       |       |       |       |       |       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   | 1   |                    | 1                                    |   |
| -44/-45      |                                     |      |       |     |      |      |                |       |          |       |  |       |       |       |       |       |       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   | 1   |                    |                                      |   |
| -46/-48      |                                     |      |       |     |      |      |                |       |          |       |  |       |       |       |       |       |       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   | 1   |                    | 1                                    |   |
| -48/-55      |                                     |      |       |     |      |      |                |       |          |       |  |       |       |       |       |       |       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |     |                    | 1                                    |   |
| TOTAL        | 47.2                                | 40.0 | 11.5  | 1.0 | .4   |      |                |       |          |       |  |       |       |       |       |       |       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   | 820 | 327                | 820                                  |   |
| Element (X)  | Σ x'                                |      | Σ x   |     | x̄   |      | s <sub>x</sub> |       | No. Obs. |       | Mean No. of Hours with Temperature       |       |       |       |       |       | Total |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |     |                    |                                      |   |
| Rel. Hum.    | 4570345                             |      | 60095 |     | 73.3 |      | 4.245          |       | 820      |       | = 0 F = 32 F = 67 F = 73 F = 80 F = 93 F |       |       |       |       |       |       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |     |                    |                                      |   |
| Dry Bulb     | 357958                              |      | 7822  |     | 9.5  |      | 18.542         |       | 820      |       | 31.1 84.9                                |       |       |       |       |       | 93    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |     |                    |                                      |   |
| Wet Bulb     | 307139                              |      | 7261  |     | 8.9  |      | 17.220         |       | 820      |       | 32.1 90.1                                |       |       |       |       |       | 73    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |     |                    |                                      |   |
| Dew Point    | 315057                              |      | 2263  |     | 2.8  |      | 19.418         |       | 820      |       | 38.6 92.5                                |       |       |       |       |       | 93    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |     |                    |                                      |   |

USAFETAC FORM 0 26-3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## PSYCHROMETRIC SUMMARY

|         |                   |
|---------|-------------------|
| 702350  | SPARREVOHN AFS AK |
| STATION | STATION NAME      |

73-81

DEC

PAGE 1 1520-1700

[illegible]







## PSYCHROMETRIC SUMMARY

YEARS

DEC 1964

PAGE 1 2120-2343

[illegible]

USAFETAC FORM 0 26 3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## PSYCHROMETRIC SUMMARY

73,75-81

GFC

PAGE 2 2100-2300

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |      |      |     |    |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | TOTAL |           | TOTAL    |          |           |    |
|--------------|-------------------------------------|------|------|-----|----|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|-----------|----------|----------|-----------|----|
|              | 0                                   | 1    | 2    | 3   | 4  | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31    | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point |    |
| 26/-29       | .3                                  |      |      |     |    |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           | 5        | 5        | 5         | 7  |
| 30/-31       |                                     |      |      |     |    |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          | 1        |           | 2  |
| 32/-33       |                                     |      |      |     |    |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |           | 13 |
| 34/-35       |                                     |      |      |     |    |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |           | 12 |
| 36/-37       |                                     |      |      |     |    |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          | 1        |           | 7  |
| 38/-39       |                                     |      |      |     |    |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          | 1        |           | 6  |
| 40/-41       |                                     |      |      |     |    |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          | 1        |           | 1  |
| 42/-43       |                                     |      |      |     |    |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |           | 3  |
| 44/-45       |                                     |      |      |     |    |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |           | 1  |
| 46/-47       |                                     |      |      |     |    |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |           | 3  |
| 50/-51       |                                     |      |      |     |    |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          | 1         | 1  |
| TOTAL        | 49.0                                | 38.3 | 11.0 | 1.6 | .2 |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           | 637      | 643      | 637       |    |
|              |                                     |      |      |     |    |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |           |    |
|              |                                     |      |      |     |    |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |           |    |
|              |                                     |      |      |     |    |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |           |    |
|              |                                     |      |      |     |    |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |           |    |
|              |                                     |      |      |     |    |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |           |    |
|              |                                     |      |      |     |    |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |           |    |
|              |                                     |      |      |     |    |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |           |    |
|              |                                     |      |      |     |    |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |           |    |
|              |                                     |      |      |     |    |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |           |    |
|              |                                     |      |      |     |    |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |           |    |
|              |                                     |      |      |     |    |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |           |    |
|              |                                     |      |      |     |    |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |           |    |
|              |                                     |      |      |     |    |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |           |    |
|              |                                     |      |      |     |    |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |           |    |
|              |                                     |      |      |     |    |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |           |    |
|              |                                     |      |      |     |    |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |           |    |
|              |                                     |      |      |     |    |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |           |    |
|              |                                     |      |      |     |    |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |           |    |
|              |                                     |      |      |     |    |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |           |    |
|              |                                     |      |      |     |    |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |           |    |
|              |                                     |      |      |     |    |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |           |    |
|              |                                     |      |      |     |    |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |           |    |

## PSYCHROMETRIC SUMMARY

73-81

YEARS

250

PAGE 1

ALL

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |     |     |     |     |      |       |       |          |       |  |       |       |       |       |       |    |                    |          |           |       |  |  |  |  |  |  |  |  |  |  | TOTAL |  | TOTAL |  |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|----------|-------|--|-------|-------|-------|-------|-------|----|--------------------|----------|-----------|-------|--|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
|              | 0                                   | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16    | 17-18 | 19-20                                    | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | D.B. W.B. Dry Bulb | Wet Bulb | Dew Point |       |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 42/ 41       |                                     |     | .0  | .0  |     |      |       |       |          |       |  |       |       |       |       |       |    | 2                  | 2        |           |       |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 40/ 39       |                                     | .0  | .1  | .1  | .0  | .0   |       |       |          |       |  |       |       |       |       |       |    | 15                 | 15       |           |       |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 38/ 37       | .0                                  | .2  | .7  | .3  | .0  |      |       |       |          |       |  |       |       |       |       |       |    | 78                 | 78       | 6         |       |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 36/ 35       | .1                                  | .8  | 1.6 | .3  | .1  | .0   |       |       |          |       |  |       |       |       |       |       |    | 179                | 179      | 31 9      |       |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 34/ 33       | .1                                  | 1.4 | 1.3 | .2  | .1  | .0   |       |       |          |       |  |       |       |       |       |       |    | 190                | 190      | 140 15    |       |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 32/ 31       | .5                                  | 3.7 | 2.3 | .2  | .0  |      |       |       |          |       |  |       |       |       |       |       |    | 418                | 418      | 259 77    |       |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 30/ 29       | .8                                  | 1.9 | .8  | .1  | .0  |      |       |       |          |       |  |       |       |       |       |       |    | 228                | 228      | 375 182   |       |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 28/ 27       | .7                                  | 2.2 | .5  | .0  | .0  |      |       |       |          |       |  |       |       |       |       |       |    | 219                | 219      | 331 252   |       |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 26/ 25       | 1.0                                 | 3.3 | .6  | .0  |     |      |       |       |          |       |  |       |       |       |       |       |    | 307                | 307      | 264 732   |       |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 24/ 23       | .4                                  | 2.2 | .3  |     |     |      |       |       |          |       |  |       |       |       |       |       |    | 176                | 176      | 277 187   |       |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 22/ 21       | 1.2                                 | 2.2 | .3  | .1  |     |      |       |       |          |       |  |       |       |       |       |       |    | 236                | 236      | 256 238   |       |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 20/ 19       | 1.4                                 | 2.4 | .6  | .1  |     |      |       |       |          |       |  |       |       |       |       |       |    | 286                | 286      | 237 358   |       |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 18/ 17       | .7                                  | 2.0 | .4  | .0  |     |      |       |       |          |       |  |       |       |       |       |       |    | 199                | 199      | 218 728   |       |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 16/ 15       | 1.3                                 | 1.9 | .3  |     |     |      |       |       |          |       |  |       |       |       |       |       |    | 220                | 220      | 237 219   |       |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 14/ 13       | 1.6                                 | 1.5 | .0  |     |     |      |       |       |          |       |  |       |       |       |       |       |    | 207                | 207      | 234 223   |       |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 12/ 11       | 1.4                                 | 1.7 | .0  |     |     |      |       |       |          |       |  |       |       |       |       |       |    | 193                | 193      | 202 231   |       |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 10/ 9        | 1.0                                 | 1.4 |     |     |     |      |       |       |          |       |  |       |       |       |       |       |    | 150                | 150      | 181 227   |       |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 8/ 7         | .9                                  | 1.9 | .0  |     |     |      |       |       |          |       |  |       |       |       |       |       |    | 170                | 170      | 143 179   |       |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 6/ 5         | 1.2                                 | 1.5 | .0  |     |     |      |       |       |          |       |  |       |       |       |       |       |    | 164                | 164      | 199 106   |       |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 4/ 3         | 1.8                                 | 1.4 |     |     |     |      |       |       |          |       |  |       |       |       |       |       |    | 198                | 198      | 113 159   |       |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 2/ 1         | 1.4                                 | 2.8 |     |     |     |      |       |       |          |       |  |       |       |       |       |       |    | 261                | 261      | 192 250   |       |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 0/ -1        | 2.0                                 | .4  |     |     |     |      |       |       |          |       |  |       |       |       |       |       |    | 149                | 149      | 226 172   |       |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| -2/ -3       | 2.0                                 | .5  |     |     |     |      |       |       |          |       |  |       |       |       |       |       |    | 154                | 154      | 160 162   |       |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| -4/ -5       | 2.6                                 | .7  |     |     |     |      |       |       |          |       |  |       |       |       |       |       |    | 207                | 207      | 185 198   |       |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| -6/ -7       | 2.6                                 | .4  |     |     |     |      |       |       |          |       |  |       |       |       |       |       |    | 184                | 185      | 206 136   |       |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| -8/ -9       | 3.1                                 | .3  |     |     |     |      |       |       |          |       |  |       |       |       |       |       |    | 210                | 210      | 206 163   |       |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| -10/ -11     | 2.9                                 |     |     |     |     |      |       |       |          |       |  |       |       |       |       |       |    | 180                | 180      | 196 159   |       |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| -12/ -13     | 2.0                                 |     |     |     |     |      |       |       |          |       |  |       |       |       |       |       |    | 122                | 122      | 122 111   |       |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| -14/ -15     | 2.3                                 |     |     |     |     |      |       |       |          |       |  |       |       |       |       |       |    | 144                | 144      | 144 187   |       |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| -16/ -17     | 2.0                                 |     |     |     |     |      |       |       |          |       |  |       |       |       |       |       |    | 123                | 123      | 123 147   |       |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| -18/ -19     | 3.4                                 |     |     |     |     |      |       |       |          |       |  |       |       |       |       |       |    | 211                | 212      | 211 228   |       |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| -20/ -21     | 1.6                                 |     |     |     |     |      |       |       |          |       |  |       |       |       |       |       |    | 100                | 100      | 100 142   |       |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| -22/ -23     | 1.5                                 |     |     |     |     |      |       |       |          |       |  |       |       |       |       |       |    | 91                 | 91       | 91 118    |       |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| -24/ -25     | 1.5                                 |     |     |     |     |      |       |       |          |       |  |       |       |       |       |       |    | 91                 | 91       | 91 142    |       |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| Element (X)  | Σ X'                                |     | Σ X |     | Σ   |      | Σ     |       | No. Obs. |       | Mean No. of Hours with Temperature       |       |       |       |       |       |    |                    |          |           |       |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| Rel. Hum.    |                                     |     |     |     |     |      |       |       |          |       | ± 0 F ± 32 F ± 67 F ± 73 F ± 80 F ± 93 F |       |       |       |       |       |    |                    |          |           | Total |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| Dry Bulb     |                                     |     |     |     |     |      |       |       |          |       |  |       |       |       |       |       |    |                    |          |           |       |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| Wet Bulb     |                                     |     |     |     |     |      |       |       |          |       |  |       |       |       |       |       |    |                    |          |           |       |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| Dew Point    |                                     |     |     |     |     |      |       |       |          |       |  |       |       |       |       |       |    |                    |          |           |       |  |  |  |  |  |  |  |  |  |  |       |  |       |  |

## PSYCHROMETRIC SUMMARY

73-81

DEC

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ALL

| Temp<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |      |      |     |    |    |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | TOTAL |           | TOTAL    |          |           |     |
|-------------|-------------------------------------|------|------|-----|----|----|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|-----------|----------|----------|-----------|-----|
|             | 0                                   | 1    | 2    | 3   | 4  | 5  | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31    | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point |     |
| 1/-27       | .9                                  |      |      |     |    |    |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           | 56       | 57       | 56        | 132 |
| 2/-29       | .6                                  |      |      |     |    |    |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       | 43        | 42       | 42       | 123       |     |
| 3/-31       | .2                                  |      |      |     |    |    |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       | 11        | 15       | 11       | 65        |     |
| 4/-33       | .4                                  |      |      |     |    |    |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       | 26        | 26       | 26       | 83        |     |
| 5/-35       | .3                                  |      |      |     |    |    |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       | 1         | 2        | 1        | 101       |     |
| 6/-37       |                                     |      |      |     |    |    |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           | 7        |          | 81        |     |
| 7/-39       |                                     |      |      |     |    |    |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           | 8        |          | 34        |     |
| 8/-41       |                                     |      |      |     |    |    |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           | 7        |          | 22        |     |
| 9/-43       |                                     |      |      |     |    |    |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           | 2        |          | 13        |     |
| 10/-45      |                                     |      |      |     |    |    |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           | 5        |          | 13        |     |
| 11/-47      |                                     |      |      |     |    |    |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           | 3        |          | 6         |     |
| 12/-49      |                                     |      |      |     |    |    |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          | 12       |           | 2   |
| 13/-51      |                                     |      |      |     |    |    |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           | 2        |          | 6         |     |
| 14/-53      |                                     |      |      |     |    |    |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          | 1         |     |
| 15/-55      |                                     |      |      |     |    |    |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          | 4         |     |
| 16/-57      |                                     |      |      |     |    |    |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          | 3         |     |
| 17/-59      |                                     |      |      |     |    |    |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          | 2         |     |
| TOTAL       | 49.4                                | 39.9 | 21.0 | 1.4 | .3 | .1 |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       | 6248      |          | 6196     |           |     |
|             |                                     |      |      |     |    |    |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           | 6196     |          | 6196      |     |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{x}$ | $s_x$ | No. Obs. | Mean No. of Hours with Temperature |             |             |             |             |             | Total |
|-------------|--------------|------------|-----------|-------|----------|------------------------------------|-------------|-------------|-------------|-------------|-------------|-------|
| Rel. Hum.   | 34656337     | 454795     | 73.484    | 3.05  | 6196     | $\leq 0$ F                         | $\leq 32$ F | $\leq 67$ F | $\leq 73$ F | $\leq 80$ F | $\leq 93$ F |       |
| Dry Bulb    | 2622212      | 53342      | 8.588     | 6.23  | 6248     | 256.3                              | 688.7       |             |             |             |             | 744   |
| Wet Bulb    | 2263272      | 49526      | 8.317     | 3.62  | 6196     | 264.1                              | 722.5       |             |             |             |             | 744   |
| Dew Point   | 2411085      | 11671      | 1.919     | 6.38  | 6196     | 327.1                              | 741.1       |             |             |             |             | 744   |

USAFETAC FORM 0-26 3 OLA PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
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STATION

STATION NAME

73-21

ALL

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ALL

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        |           |        |         |           |       |  |  |  |  |  |  |  |  |  | TOTAL |  | TOTAL |  |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|----------------|-------|-------|----------|-------|-------|------------------------------------|--------|-----------|--------|---------|-----------|-------|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
|              | 0                                   | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18          | 19-20 | 21-22 | 23-24    | 25-26 | 27-28 | 29-30                              | 31     | D.B. W.B. | Dr. B. | Wet. B. | Dr. Point |       |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 81/ 81       |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        | 1         | 1      |         |           |       |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 80/ 79       |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        | 11        | 11     |         |           |       |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 79/ 77       |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        | 18        | 18     |         |           |       |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 78/ 75       |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        | 23        | 23     |         |           |       |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 77/ 73       |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        | 42        | 42     |         |           |       |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 76/ 71       |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        | 103       | 103    |         |           |       |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 75/ 69       |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        | 182       | 182    |         |           |       |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 69/ 67       |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        | 258       | 258    |         |           |       |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 67/ 55       |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        | 436       | 436    |         | 3         |       |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 64/ 53       |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        | 561       | 561    |         | 10        |       |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 62/ 51       |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        | 770       | 770    |         | 3         |       |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 60/ 59       |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        | 996       | 996    |         | 5         |       |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 59/ 57       |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        | 1324      | 1324   |         | 25        |       |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 58/ 55       |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        | 1582      | 1581   |         | 119       |       |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 57/ 53       |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        | 2042      | 2042   |         | 342       |       |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 56/ 51       |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        | 2357      | 2357   |         | 782       |       |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 55/ 49       |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        | 2839      | 2839   |         | 1455      |       |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 48/ 47       |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        | 2841      | 2841   |         | 2147      |       |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 46/ 45       |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        | 3053      | 3053   |         | 2659      |       |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 44/ 43       |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        | 2807      | 2807   |         | 2764      |       |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 42/ 41       |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        | 2707      | 2707   |         | 2711      |       |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 40/ 39       |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        | 2839      | 2839   |         | 3226      |       |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 38/ 37       |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        | 2842      | 2842   |         | 2652      |       |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 36/ 35       |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        | 3252      | 3252   |         | 2563      |       |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 34/ 33       |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        | 3388      | 3389   |         | 2438      |       |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 32/ 31       |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        | 4577      | 4577   |         | 4266      |       |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 30/ 29       |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        | 2852      | 2852   |         | 3436      |       |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 28/ 27       |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        | 2487      | 2487   |         | 3732      |       |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 26/ 25       |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        | 2386      | 2386   |         | 3860      |       |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 24/ 23       |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        | 1331      | 1331   |         | 2322      |       |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 22/ 21       |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        | 1523      | 1523   |         | 3014      |       |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 20/ 19       |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        | 2280      | 2281   |         | 3424      |       |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 18/ 17       |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        | 1428      | 1428   |         | 2185      |       |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 16/ 15       |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        | 1383      | 1383   |         | 2212      |       |  |  |  |  |  |  |  |  |  |       |  |       |  |
| Element (X)  | ΣX'                                 |     |     | ΣX  |     |      | Σ     |       |       | Σ <sub>2</sub> |       |       | No. Obs. |       |       | Mean No. of Hours with Temperature |        |           |        |         |           |       |  |  |  |  |  |  |  |  |  |       |  |       |  |
| Rel. Hum.    |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       | ≤ 0 F                              | + 32 F | + 67 F    | + 73 F | + 80 F  | + 93 F    | Total |  |  |  |  |  |  |  |  |  |       |  |       |  |
| Dry Bulb     |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        |           |        |         |           |       |  |  |  |  |  |  |  |  |  |       |  |       |  |
| Wet Bulb     |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        |           |        |         |           |       |  |  |  |  |  |  |  |  |  |       |  |       |  |
| Dew Point    |                                     |     |     |     |     |      |       |       |       |                |       |       |          |       |       |                                    |        |           |        |         |           |       |  |  |  |  |  |  |  |  |  |       |  |       |  |



## PSYCHROMETRIC SUMMARY

73-51

ALL

PAGE 7

ALL

| Temp<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |      |      |      |   |   |   |   |   |   |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | TOTAL |      |      | TOTAL    |          |           |    |
|-------------|-------------------------------------|------|------|------|---|---|---|---|---|---|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|------|------|----------|----------|-----------|----|
|             | 0                                   | 1    | 2    | 3    | 4 | 5 | 6 | 7 | 8 | 9 | 10  | 11  | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31    | D.B. | W.B. | Dry Bulb | Wet Bulb | Dew Point |    |
| -4/-5       |                                     |      |      |      |   |   |   |   |   |   |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |      |      |          |          |           | 11 |
| -5/-5       |                                     |      |      |      |   |   |   |   |   |   |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |      |      |          |          |           | 6  |
| -6/-5       |                                     |      |      |      |   |   |   |   |   |   |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |      |      |          |          |           | 11 |
| -7/-6       |                                     |      |      |      |   |   |   |   |   |   |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |      |      |          |          |           | 5  |
| TOTAL       | 81.3                                | 34.6 | 20.3 | 12.5 |   |   |   |   |   | 9 | 3.1 | 1.4 |    | .5 |    | .2 | .1 |    | .3 |    |    |    |    |    |    |    |    |    |    |    |    |       |      |      | 70516    | 70516    | 70516     |    |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{x}$  | $s^2$ | No. Obs. | Mean No. of Hours with Temperature |        |        |        |        | Total  |      |
|-------------|--------------|------------|------------|-------|----------|------------------------------------|--------|--------|--------|--------|--------|------|
| Rel. Hum.   | 192786731    | 5127117    | 72.745.978 | 70516 |          | ± 0 F                              | ± 32 F | ± 67 F | ± 73 F | ± 80 F | ± 93 F |      |
| Dry Bulb    | 967873.7     | 2191225    | 31.020.213 | 70720 |          | 851.44106.9                        | 82.7   | 12.5   |        | 8      |        | 8760 |
| Wet Bulb    | 79733396     | 1995170    | 28.308.171 | 70516 |          | 871.94750.6                        |        |        |        |        |        | 8760 |
| Dew Point   | 64014717     | 1679423    | 22.809.670 | 70516 |          | 1219.75748.8                       |        |        |        |        |        | 8760 |

JOINT CLIMATE LOGIC BRANCH  
 USAF ETAC  
 WEATHER SERVICE/MAO

# MEANS AND STANDARD DEVIATIONS

TRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

12300 SPAREVORH AFS AK

73-01

|            |           | STATION NAME |        |        |       |       |       |       |       |       |        |        |        | YEAR |  |
|------------|-----------|--------------|--------|--------|-------|-------|-------|-------|-------|-------|--------|--------|--------|------|--|
|            |           | JAN          | FEB    | MAR    | APR   | MAY   | JUN   | JUL   | AUG   | SEP   | OCT    | NOV    | DEC    |      |  |
| 1-17       | MEAN      | 18.0         | 10.7   | 17.6   | 28.5  | 35.5  | 45.0  | 55.3  | 55.5  | 41.4  | 27.4   | 17.4   | 8.4    |      |  |
|            | S.D.      | 11.643       | 19.552 | 14.349 | 8.745 | 5.734 | 5.457 | 4.692 | 5.446 | 5.469 | 10.573 | 14.335 | 18.656 |      |  |
|            | TOTAL OBS | 727          | 649    | 62     | 749   | 797   | 767   | 771   | 753   | 371   | 122    | 794    | 827    |      |  |
| 1-18       | MEAN      | 18.0         | 13.9   | 18.9   | 25.5  | 37.3  | 44.1  | 49.4  | 48.4  | 41.5  | 26.6   | 17.1   | 8.1    |      |  |
|            | S.D.      | 11.652       | 19.411 | 14.450 | 9.047 | 5.552 | 5.542 | 4.497 | 5.698 | 5.541 | 11.711 | 14.332 | 18.543 |      |  |
|            | TOTAL OBS | 77           | 692    | 825    | 711   | 830   | 778   | 794   | 810   | 857   | 920    | 794    | 831    |      |  |
| 1-19       | MEAN      | 18.0         | 11.2   | 18.5   | 26.5  | 39.7  | 46.4  | 51.1  | 49.6  | 40.4  | 26.7   | 17.5   | 8.1    |      |  |
|            | S.D.      | 11.743       | 19.423 | 14.600 | 9.243 | 6.357 | 6.344 | 5.143 | 6.365 | 5.675 | 11.984 | 15.314 | 18.635 |      |  |
|            | TOTAL OBS | 682          | 713    | 827    | 745   | 875   | 787   | 811   | 811   | 811   | 821    | 796    | 871    |      |  |
| 1-20       | MEAN      | 18.0         | 12.6   | 18.1   | 30.1  | 44.3  | 50.4  | 54.8  | 53.8  | 44.0  | 26.3   | 17.9   | 8.6    |      |  |
|            | S.D.      | 11.751       | 19.366 | 14.661 | 9.414 | 7.315 | 7.181 | 6.275 | 6.737 | 7.063 | 11.257 | 14.589 | 18.726 |      |  |
|            | TOTAL OBS | 6            | 719    | 831    | 742   | 836   | 792   | 815   | 819   | 817   | 800    | 797    | 830    |      |  |
| 1-21       | MEAN      | 18.0         | 14.7   | 21.9   | 32.7  | 46.8  | 53.8  | 58.1  | 56.5  | 46.5  | 31.0   | 19.3   | 8.5    |      |  |
|            | S.D.      | 11.701       | 19.825 | 13.715 | 9.213 | 7.732 | 7.663 | 7.219 | 7.497 | 6.371 | 11.233 | 14.275 | 18.541 |      |  |
|            | TOTAL OBS | 711          | 713    | 829    | 795   | 875   | 782   | 796   | 810   | 806   | 823    | 798    | 827    |      |  |
| 1-22       | MEAN      | 18.0         | 14.9   | 21.9   | 32.7  | 46.8  | 54.3  | 58.5  | 56.7  | 46.5  | 31.0   | 19.1   | 8.5    |      |  |
|            | S.D.      | 11.690       | 19.554 | 13.491 | 8.972 | 7.892 | 7.762 | 7.271 | 7.836 | 7.055 | 11.930 | 14.554 | 18.671 |      |  |
|            | TOTAL OBS | 657          | 662    | 825    | 730   | 824   | 866   | 844   | 876   | 811   | 777    | 771    | 873    |      |  |
| 1-23       | MEAN      | 18.0         | 12.2   | 21.2   | 30.8  | 44.1  | 51.7  | 55.8  | 54.5  | 43.3  | 26.5   | 18.6   | 8.3    |      |  |
|            | S.D.      | 11.719       | 19.4   | 13.283 | 8.677 | 7.330 | 7.559 | 6.394 | 7.265 | 7.256 | 9.509  | 14.327 | 18.353 |      |  |
|            | TOTAL OBS | 614          | 444    | 646    | 671   | 683   | 522   | 429   | 624   | 656   | 659    | 617    | 676    |      |  |
| 1-24       | MEAN      | 18.0         | 12.2   | 18.7   | 28.5  | 39.6  | 47.4  | 52.3  | 51.4  | 41.4  | 28.6   | 17.6   | 8.3    |      |  |
|            | S.D.      | 11.610       | 19.557 | 13.854 | 8.585 | 6.146 | 5.771 | 5.068 | 5.815 | 6.452 | 9.718  | 13.480 | 18.693 |      |  |
|            | TOTAL OBS | 651          | 452    | 63     | 619   | 633   | 541   | 475   | 579   | 655   | 675    | 585    | 643    |      |  |
| ALL MONTHS | MEAN      | 18.0         | 12.5   | 17.1   | 29.5  | 42.1  | 49.0  | 53.6  | 52.5  | 43.1  | 28.4   | 18.0   | 8.5    |      |  |
|            | S.D.      | 11.353       | 19.298 | 14.253 | 9.429 | 7.739 | 7.647 | 6.778 | 7.275 | 7.574 | 11.529 | 14.621 | 18.621 |      |  |
|            | TOTAL OBS | 5621         | 544    | 6215   | 5831  | 6280  | 5618  | 5515  | 5893  | 6140  | 6223   | 5742   | 6246   |      |  |

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AF WEATHER SERVICE/MAC

## MEANS AND STANDARD DEVIATIONS

LT-HOLE TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

STATION SPANKEVORH AFD AK

71-81

| YEAR  | MEAN      | AN     | FEB    | MAR    | APR   | MAY   | JUN   | JUL   | AUG   | SEP   | OCT    | NOV    | DEC    | ANNUAL |
|-------|-----------|--------|--------|--------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|
| 0-10  | MEAN      | 15.2   | 9.6    | 15.8   | 23.9  | 34.4  | 41.6  | 47.1  | 46.5  | 38.7  | 25.8   | 16.1   | 8.1    | 27.1   |
|       | S.D.      | 17.229 | 17.766 | 13.527 | 8.12  | 4.438 | 4.227 | 3.573 | 4.588 | 5.692 | 7.598  | 13.911 | 17.279 | 17.537 |
|       | TOTAL OBS | 711    | 643    | 622    | 769   | 797   | 767   | 771   | 753   | 611   | 622    | 794    | 616    | 615    |
| 1-10  | MEAN      | 15.2   | 10.0   | 15.2   | 23.3  | 33.0  | 41.3  | 46.4  | 45.4  | 36.2  | 25.2   | 15.7   | 7.6    | 26.6   |
|       | S.D.      | 17.861 | 17.599 | 13.64  | 6.327 | 4.289 | 4.313 | 3.459 | 4.792 | 5.759 | 9.794  | 13.513 | 17.325 | 17.545 |
|       | TOTAL OBS | 753    | 583    | 625    | 752   | 836   | 778   | 794   | 811   | 607   | 621    | 794    | 624    | 616    |
| 11-20 | MEAN      | 14.1   | 10.1   | 15.0   | 24.1  | 35.5  | 42.6  | 47.7  | 46.3  | 36.4  | 25.3   | 15.7   | 7.6    | 27.1   |
|       | S.D.      | 18.193 | 17.835 | 13.941 | 6.976 | 4.693 | 4.561 | 3.476 | 4.989 | 5.684 | 9.977  | 14.771 | 17.346 | 18.165 |
|       | TOTAL OBS | 753    | 715    | 627    | 755   | 836   | 781   | 801   | 810   | 627   | 622    | 796    | 625    | 689    |
| 21-30 | MEAN      | 14.4   | 11.1   | 17.1   | 26.9  | 38.5  | 45.1  | 50.3  | 48.9  | 40.6  | 26.5   | 16.5   | 8.1    | 26.4   |
|       | S.D.      | 18.586 | 17.922 | 13.590 | 6.135 | 5.101 | 4.694 | 3.799 | 5.076 | 6.362 | 11.641 | 13.751 | 17.385 | 18.719 |
|       | TOTAL OBS | 753    | 714    | 631    | 753   | 836   | 782   | 805   | 809   | 617   | 621    | 797    | 624    | 614    |
| 31-40 | MEAN      | 13.8   | 13.2   | 17.5   | 28.6  | 40.0  | 46.9  | 51.5  | 50.7  | 42.2  | 28.0   | 17.6   | 8.9    | 26.4   |
|       | S.D.      | 18.112 | 17.340 | 12.761 | 7.73  | 5.175 | 5.112 | 4.133 | 5.182 | 6.217 | 9.811  | 13.178 | 17.200 | 18.614 |
|       | TOTAL OBS | 771    | 736    | 629    | 792   | 835   | 782   | 796   | 811   | 806   | 623    | 798    | 621    | 656    |
| 41-50 | MEAN      | 14.1   | 13.0   | 17.5   | 28.9  | 40.2  | 47.2  | 52.1  | 50.6  | 42.2  | 27.4   | 16.6   | 8.2    | 26.7   |
|       | S.D.      | 18.932 | 17.781 | 12.456 | 7.525 | 5.117 | 4.730 | 4.128 | 5.213 | 6.547 | 9.728  | 13.578 | 17.442 | 18.831 |
|       | TOTAL OBS | 658    | 662    | 625    | 731   | 824   | 666   | 644   | 698   | 801   | 777    | 771    | 614    | 668    |
| 51-60 | MEAN      | 15.7   | 13.8   | 18.1   | 27.5  | 38.6  | 45.6  | 51.7  | 49.1  | 40.0  | 27.6   | 17.1   | 7.4    | 26.7   |
|       | S.D.      | 17.842 | 17.735 | 12.350 | 7.653 | 4.981 | 4.223 | 3.998 | 5.182 | 5.897 | 8.342  | 13.441 | 17.542 | 18.127 |
|       | TOTAL OBS | 553    | 441    | 646    | 632   | 653   | 522   | 429   | 524   | 656   | 659    | 577    | 534    | 734    |
| 61-70 | MEAN      | 15.0   | 10.9   | 16.6   | 25.3  | 35.7  | 43.3  | 48.5  | 47.5  | 36.6  | 26.9   | 16.1   | 5.3    | 27.8   |
|       | S.D.      | 17.881 | 17.616 | 12.761 | 7.791 | 4.592 | 4.141 | 3.625 | 4.452 | 5.571 | 8.610  | 12.102 | 17.444 | 17.255 |
|       | TOTAL OBS | 542    | 448    | 630    | 659   | 633   | 541   | 475   | 578   | 655   | 678    | 595    | 677    | 761    |
| 71-80 | MEAN      | 15.1   | 11.1   | 17.1   | 25.0  | 37.1  | 44.1  | 49.2  | 48.1  | 39.9  | 26.6   | 16.5   | 6.1    | 28.3   |
|       | S.D.      | 18.159 | 17.545 | 13.278 | 8.258 | 5.382 | 5.389 | 4.303 | 5.297 | 6.134 | 9.619  | 13.566 | 17.362 | 18.171 |
|       | TOTAL OBS | 551    | 502    | 6215   | 5921  | 6281  | 5614  | 5515  | 5892  | 5141  | 6122   | 5942   | 6196   | 7115   |

USAF ETAC FORM OCT 64 0-89.5 (OL A)

2  
 GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AF WEATHER SERVICE/MAC

# MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

73-01

73-01

|                |           | STATION NAME |        |        |        |       |       |       |       |       |        |        |        | YEARS  |  |
|----------------|-----------|--------------|--------|--------|--------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--|
|                |           | AN           | FEB    | MAR    | APR    | MAY   | JUN   | JUL   | AUG   | SEP   | OCT    | NOV    | DEC    | ANNUAL |  |
| 1-1            | MEAN      | 7.0          | 2.1    | 7.5    | 17.8   | 29.0  | 37.6  | 44.3  | 43.1  | 35.4  | 22.2   | 11.2   | 1.0    | 22.2   |  |
|                | S.D.      | 11.67        | 19.55  | 15.29  | 11.75  | 5.369 | 5.089 | 4.340 | 5.177 | 6.275 | 12.157 | 15.661 | 9.386  | 19.362 |  |
|                | TOTAL OBS | 711          | 643    | 602    | 788    | 797   | 767   | 771   | 750   | 801   | 822    | 794    | 816    | 9265   |  |
| 1-2            | MEAN      | 6.3          | 2.7    | 9.1    | 17.4   | 25.5  | 37.3  | 43.7  | 42.4  | 35.2  | 21.7   | 1.9    | 1.5    | 21.7   |  |
|                | S.D.      | 20.384       | 11.485 | 15.327 | 10.405 | 4.977 | 5.384 | 4.182 | 5.443 | 6.266 | 12.298 | 15.561 | 9.474  | 19.443 |  |
|                | TOTAL OBS | 703          | 683    | 605    | 792    | 836   | 778   | 794   | 810   | 807   | 820    | 794    | 824    | 9516   |  |
| 1-3            | MEAN      | 7.1          | 3.1    | 8.8    | 16.3   | 29.7  | 36.4  | 44.6  | 43.1  | 35.4  | 21.5   | 1.5    | 1.5    | 22.1   |  |
|                | S.D.      | 21.338       | 19.680 | 15.711 | 10.386 | 5.099 | 5.218 | 3.991 | 5.511 | 6.262 | 12.350 | 15.194 | 9.403  | 19.947 |  |
|                | TOTAL OBS | 703          | 705    | 627    | 795    | 836   | 780   | 601   | 810   | 807   | 822    | 796    | 820    | 9582   |  |
| 1-4            | MEAN      | 7.4          | 3.8    | 10.1   | 20.1   | 31.0  | 39.8  | 45.9  | 44.9  | 36.7  | 22.9   | 11.2   | 1.9    | 23.1   |  |
|                | S.D.      | 21.964       | 19.597 | 15.745 | 9.376  | 5.393 | 5.259 | 3.792 | 5.246 | 6.505 | 10.258 | 15.278 | 19.440 | 20.104 |  |
|                | TOTAL OBS | 703          | 714    | 631    | 793    | 836   | 782   | 605   | 809   | 807   | 821    | 797    | 824    | 9674   |  |
| 1-14           | MEAN      | 7.0          | 5.6    | 12.2   | 21.5   | 31.7  | 40.3  | 46.6  | 45.6  | 37.5  | 23.9   | 11.8   | 2.8    | 24.2   |  |
|                | S.D.      | 20.399       | 19.126 | 14.936 | 8.943  | 5.901 | 5.393 | 4.069 | 5.321 | 6.383 | 11.072 | 14.740 | 19.418 | 19.743 |  |
|                | TOTAL OBS | 779          | 706    | 829    | 792    | 835   | 792   | 796   | 810   | 806   | 823    | 798    | 820    | 9576   |  |
| 1-17           | MEAN      | 7.1          | 5.2    | 12.4   | 21.6   | 32.0  | 40.1  | 46.7  | 45.3  | 37.5  | 23.8   | 11.1   | 2.2    | 23.4   |  |
|                | S.D.      | 21.604       | 19.019 | 14.722 | 8.842  | 5.409 | 5.247 | 4.122 | 5.373 | 6.369 | 10.225 | 15.192 | 19.973 | 19.951 |  |
|                | TOTAL OBS | 850          | 662    | 625    | 730    | 624   | 666   | 644   | 698   | 801   | 777    | 771    | 814    | 9868   |  |
| 1-20           | MEAN      | 7.1          | 3.4    | 11.4   | 21.2   | 31.5  | 39.8  | 46.3  | 44.7  | 35.9  | 24.0   | 11.6   | 1.2    | 23.3   |  |
|                | S.D.      | 21.610       | 15.968 | 14.171 | 9.056  | 5.301 | 4.723 | 4.333 | 5.348 | 6.085 | 9.617  | 14.580 | 20.192 | 19.374 |  |
|                | TOTAL OBS | 500          | 441    | 646    | 630    | 663   | 522   | 429   | 624   | 656   | 659    | 607    | 834    | 7034   |  |
| 1-23           | MEAN      | 7.0          | 3.6    | 10.2   | 19.1   | 29.9  | 38.6  | 45.0  | 43.7  | 35.2  | 23.3   | 10.1   | 2.0    | 22.4   |  |
|                | S.D.      | 21.945       | 18.932 | 14.352 | 9.415  | 5.267 | 4.986 | 4.294 | 5.013 | 6.017 | 9.755  | 13.935 | 19.100 | 19.109 |  |
|                | TOTAL OBS | 540          | 408    | 630    | 659    | 633   | 541   | 475   | 578   | 655   | 678    | 585    | 637    | 7051   |  |
| All<br>MEMBERS | MEAN      | 6.3          | 3.7    | 10.4   | 19.6   | 30.4  | 36.9  | 45.3  | 44.1  | 38.1  | 22.9   | 11.4   | 1.9    | 22.4   |  |
|                | S.D.      | 20.782       | 19.365 | 15.138 | 9.741  | 5.395 | 5.258 | 4.272 | 5.431 | 6.311 | 9.950  | 14.933 | 19.638 | 19.670 |  |
|                | TOTAL OBS | 5514         | 5002   | 5215   | 5980   | 6280  | 5618  | 5515  | 5892  | 6140  | 6222   | 5942   | 6126   | 7016   |  |

2  
 DETAIL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# RELATIVE HUMIDITY

STATION SPARREVOHN AFS AK

73-81

JAN

STATION

STATION NAME

PERIOD

MONTH

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH  | HOURS<br>(LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN |      |      |      |      |      |      |      |      | MEAN<br>RELATIVE<br>HUMIDITY | TOTAL<br>NO. OF<br>OBS |
|--------|----------------|--|------|------|------|------|------|------|------|------|------------------------------|------------------------|
|        |                | 10%  | 20%  | 30%  | 40%  | 50%  | 60%  | 70%  | 80%  | 90%  |                              |                        |
| JAN    | 0-02           | 100.0  | 99.6 | 98.5 | 95.8 | 88.5 | 75.2 | 52.3 | 31.5 | 13.1 | 70.8                         | 711                    |
|        | 03-05          | 99.9   | 99.7 | 98.8 | 96.7 | 89.2 | 73.3 | 50.7 | 27.0 | 9.8  | 70.0                         | 750                    |
|        | 06-08          | 100.0  | 99.4 | 98.3 | 95.8 | 89.0 | 72.9 | 48.9 | 24.2 | 8.7  | 69.0                         | 780                    |
|        | 09-11          | 100.0  | 99.2 | 98.6 | 96.4 | 88.3 | 73.5 | 45.4 | 22.8 | 8.8  | 68.8                         | 780                    |
|        | 12-14          | 100.0  | 99.9 | 99.1 | 96.3 | 89.6 | 72.4 | 45.8 | 21.3 | 8.6  | 68.7                         | 779                    |
|        | 15-17          | 100.0  | 99.5 | 98.5 | 95.4 | 88.7 | 71.3 | 46.3 | 26.2 | 10.8 | 69.1                         | 656                    |
|        | 18-20          | 100.0  | 99.0 | 98.2 | 95.8 | 87.7 | 72.6 | 49.9 | 30.2 | 14.5 | 70.0                         | 503                    |
|        | 21-23          | 100.0  | 98.7 | 98.0 | 95.8 | 87.1 | 71.6 | 53.0 | 31.0 | 12.2 | 70.1                         | 540                    |
| TOTALS |                | 100.0  | 99.4 | 98.5 | 96.2 | 88.5 | 72.9 | 49.1 | 26.8 | 10.8 | 69.6                         | 514                    |

CLIMATE CLIMATOLOGY BRANCH  
USAFETAC  
AF WEATHER SERVICE/14C

## RELATIVE HUMIDITY

72357  
STATION

SPARREVOHN AFS AK  
STATION NAME

73-81

PERIOD

FEB  
MONTH

### CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH  | HOURS<br>(LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN |       |      |      |      |      |      |      |     | MEAN<br>RELATIVE<br>HUMIDITY | TOTAL<br>NO. OF<br>OBS |
|--------|----------------|--|-------|------|------|------|------|------|------|-----|------------------------------|------------------------|
|        |                | 10   | 20    | 30   | 40   | 50   | 60   | 70   | 80   | 90  |                              |                        |
| FEB    | 00-02          | 100.0  | 99.7  | 99.2 | 96.3 | 85.0 | 71.4 | 45.6 | 19.4 | 5.0 | 67.7                         | 643                    |
|        | 03-05          | 99.9   | 99.6  | 99.1 | 96.5 | 88.9 | 74.4 | 47.1 | 20.6 | 4.8 | 68.5                         | 693                    |
|        | 06-08          | 100.0  | 99.9  | 99.3 | 96.7 | 88.2 | 74.9 | 49.4 | 21.3 | 6.2 | 69.1                         | 705                    |
|        | 09-11          | 100.0  | 100.0 | 98.7 | 95.7 | 86.4 | 71.3 | 46.4 | 20.4 | 6.2 | 68.0                         | 714                    |
|        | 12-14          | 100.0  | 99.9  | 98.9 | 95.5 | 86.1 | 70.3 | 41.1 | 17.0 | 5.7 | 66.9                         | 706                    |
|        | 15-17          | 99.8   | 99.7  | 98.6 | 93.8 | 85.5 | 66.6 | 43.4 | 17.5 | 5.9 | 66.6                         | 660                    |
|        | 18-20          | 100.0  | 100.0 | 98.9 | 96.4 | 85.3 | 71.7 | 50.1 | 21.3 | 5.9 | 68.1                         | 441                    |
|        | 21-23          | 100.0  | 99.8  | 99.3 | 95.1 | 83.9 | 70.5 | 50.0 | 23.9 | 6.0 | 68.3                         | 448                    |
| TOTALS |                | 100.0  | 99.8  | 99.0 | 95.7 | 86.3 | 71.4 | 46.6 | 20.2 | 5.7 | 67.9                         | 5007                   |

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
WEATHER SERVICE/MAC

## RELATIVE HUMIDITY

STATION SPARREVOHN AFS AK

73-81

MONTH

### CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS<br>(LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN |       |       |      |      |      |      |      |      | MEAN<br>RELATIVE<br>HUMIDITY | TOTAL<br>NO. OF<br>OBS |
|-------|----------------|--|-------|-------|------|------|------|------|------|------|------------------------------|------------------------|
|       |                | 10%  | 20%   | 30%   | 40%  | 50%  | 60%  | 70%  | 80%  | 90%  |                              |                        |
| MAR   | 00-04          | 100.0  | 100.0 | 100.0 | 98.5 | 93.4 | 75.9 | 51.2 | 26.6 | 11.2 | 71.2                         | 870                    |
|       | 05-09          | 100.0  | 100.0 | 100.0 | 98.9 | 93.5 | 78.9 | 54.7 | 30.3 | 13.3 | 72.1                         | 870                    |
|       | 10-14          | 100.0  | 100.0 | 99.9  | 98.9 | 92.5 | 76.2 | 54.2 | 31.7 | 11.5 | 72.0                         | 827                    |
|       | 15-19          | 100.0  | 100.0 | 98.6  | 95.7 | 87.7 | 70.2 | 48.6 | 26.7 | 9.0  | 69.1                         | 831                    |
|       | 20-24          | 100.0  | 99.6  | 98.6  | 95.4 | 84.2 | 67.2 | 43.5 | 23.5 | 8.6  | 67.6                         | 829                    |
|       | 25-29          | 100.0  | 99.5  | 98.9  | 96.2 | 87.0 | 69.1 | 45.3 | 23.0 | 7.5  | 68.2                         | 825                    |
|       | 30-34          | 100.0  | 99.6  | 99.2  | 97.4 | 90.2 | 74.3 | 50.0 | 25.2 | 7.3  | 69.7                         | 846                    |
|       | 35-39          | 100.0  | 99.8  | 99.5  | 97.6 | 91.6 | 74.1 | 54.3 | 25.4 | 6.7  | 70.2                         | 837                    |
|       | 40-44          |  |       |       |      |      |      |      |      |      |                              |                        |
|       | 45-49          |  |       |       |      |      |      |      |      |      |                              |                        |
|       | 50-54          |  |       |       |      |      |      |      |      |      |                              |                        |
|       | 55-59          |  |       |       |      |      |      |      |      |      |                              |                        |
|       | 60-64          |  |       |       |      |      |      |      |      |      |                              |                        |
|       | 65-69          |  |       |       |      |      |      |      |      |      |                              |                        |
|       | 70-74          |  |       |       |      |      |      |      |      |      |                              |                        |
|       | 75-79          |  |       |       |      |      |      |      |      |      |                              |                        |
|       | 80-84          |  |       |       |      |      |      |      |      |      |                              |                        |
|       | 85-89          |  |       |       |      |      |      |      |      |      |                              |                        |
|       | 90-94          |  |       |       |      |      |      |      |      |      |                              |                        |
|       | 95-99          |  |       |       |      |      |      |      |      |      |                              |                        |
|       | TOTALS         | 100.0  | 99.6  | 99.3  | 97.3 | 90.0 | 73.2 | 50.2 | 26.6 | 9.0  | 70.0                         | 8215                   |



2  
 CENTRAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/HAC

# RELATIVE HUMIDITY

STATION SPARREVOHN AFS AK  
 STATION NAME

73-81

PERIOD

MAY  
 MONTH

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH  | HOURS<br>LST | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN |       |       |      |      |      |      |      |      | MEAN<br>RELATIVE<br>HUMIDITY | TOTAL<br>NO OF<br>OBS |
|--------|--------------|--|-------|-------|------|------|------|------|------|------|------------------------------|-----------------------|
|        |              | 10   | 20    | 30%   | 40%  | 50%  | 60%  | 70%  | 80%  | 90   |                              |                       |
| MAY    | 00-02        | 100.0  | 100.0 | 100.0 | 99.4 | 92.8 | 76.0 | 49.2 | 29.4 | 11.2 | 71.4                         | 797                   |
|        | 03-05        | 100.0  | 100.0 | 100.0 | 99.2 | 92.5 | 77.6 | 50.4 | 30.3 | 14.8 | 72.0                         | 836                   |
|        | 06-08        | 100.0  | 100.0 | 100.0 | 98.3 | 87.4 | 67.9 | 43.2 | 23.7 | 12.2 | 65.1                         | 836                   |
|        | 09-11        | 100.0  | 100.0 | 99.6  | 92.5 | 71.5 | 46.4 | 25.6 | 15.1 | 5.9  | 61.5                         | 836                   |
|        | 11-14        | 100.0  | 100.0 | 97.8  | 87.2 | 63.4 | 39.8 | 21.8 | 11.4 | 3.5  | 58.0                         | 836                   |
|        | 15-17        | 100.0  | 100.0 | 97.1  | 86.4 | 64.4 | 41.7 | 24.3 | 12.4 | 5.3  | 56.8                         | 824                   |
|        | 18-20        | 100.0  | 99.9  | 98.8  | 91.4 | 77.9 | 52.9 | 30.7 | 16.8 | 6.1  | 63.3                         | 683                   |
|        | 21-23        | 100.0  | 100.0 | 100.0 | 97.8 | 88.5 | 68.9 | 43.6 | 25.8 | 10.6 | 69.3                         | 633                   |
|        |              |  |       |       |      |      |      |      |      |      |                              |                       |
|        |              |  |       |       |      |      |      |      |      |      |                              |                       |
|        |              |  |       |       |      |      |      |      |      |      |                              |                       |
|        |              |  |       |       |      |      |      |      |      |      |                              |                       |
| TOTALS |              | 100.0  | 100.0 | 99.2  | 94.0 | 79.8 | 58.9 | 36.1 | 20.6 | 8.7  | 65.4                         | 6287                  |

USAFETAC

FORM  
JUL 64

0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
WEATHER SERVICE/MAC

# RELATIVE HUMIDITY

2700 SPAFFORD AFB AR  
STATION STATION NAME

73-81

PERIOD

JUN  
MONTH

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH  | HOURS<br>LST | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN |       |       |      |      |      |      |      |      | MEAN<br>RELATIVE<br>HUMIDITY | TOTAL<br>NO. OF<br>OBS |
|--------|--------------|--|-------|-------|------|------|------|------|------|------|------------------------------|------------------------|
|        |              | 10   | 20    | 30    | 40   | 50   | 60   | 70   | 80   | 90   |                              |                        |
| JUN    | 00-02        | 100.0  | 100.0 | 100.0 | 98.2 | 95.0 | 85.6 | 66.0 | 41.9 | 21.6 | 76.7                         | 767                    |
|        | 03-05        | 100.0  | 100.0 | 100.0 | 98.5 | 94.7 | 87.8 | 68.0 | 48.2 | 26.3 | 76.4                         | 778                    |
|        | 06-08        | 100.0  | 100.0 | 99.7  | 97.6 | 92.7 | 83.2 | 60.1 | 38.2 | 24.6 | 75.3                         | 780                    |
|        | 09-11        | 100.0  | 100.0 | 99.6  | 95.9 | 84.9 | 65.5 | 43.0 | 26.2 | 14.7 | 68.6                         | 790                    |
|        | 12-14        | 100.0  | 100.0 | 98.5  | 91.3 | 73.3 | 50.9 | 33.4 | 20.2 | 9.0  | 63.1                         | 780                    |
|        | 15-17        | 100.0  | 100.0 | 98.6  | 87.4 | 68.3 | 47.6 | 32.3 | 18.3 | 6.8  | 61.3                         | 566                    |
|        | 18-20        | 100.0  | 100.0 | 99.0  | 91.6 | 78.0 | 61.3 | 42.7 | 26.2 | 10.5 | 66.5                         | 520                    |
|        | 21-23        | 100.0  | 100.0 | 99.4  | 97.6 | 90.2 | 78.4 | 60.4 | 36.8 | 19.8 | 74.0                         | 541                    |
| TOTALS |              | 100.0  | 100.0 | 99.4  | 94.8 | 84.6 | 70.1 | 50.7 | 32.0 | 16.7 | 70.9                         | 5618                   |

GENERAL CLIMATOLOGY BRANCH  
USAFETAC  
AF WEATHER SERVICE/MAC

# RELATIVE HUMIDITY

STATION SPAREVONK AFS AK

73-81

JUL

STATION

STATION NAME

PERIOD

MONTH

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH  | HOURS<br>LST | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN |       |       |       |      |      |      |      |      | MEAN<br>RELATIVE<br>HUMIDITY | TOTAL<br>NO. OF<br>OBS |
|--------|--------------|--|-------|-------|-------|------|------|------|------|------|------------------------------|------------------------|
|        |              | 10%  | 20%   | 30%   | 40%   | 50%  | 60%  | 70%  | 80%  | 90   |                              |                        |
| JUL    | 0-02         | 100.0  | 100.0 | 100.0 | 100.0 | 98.3 | 89.9 | 73.2 | 50.8 | 28.9 | 79.9                         | 771                    |
|        | 03-05        | 100.0  | 100.0 | 100.0 | 100.0 | 98.5 | 93.6 | 74.4 | 56.4 | 35.0 | 81.9                         | 794                    |
|        | 06-08        | 100.0  | 100.0 | 100.0 | 100.0 | 97.6 | 88.6 | 71.7 | 49.9 | 31.0 | 79.9                         | 801                    |
|        | 09-11        | 100.0  | 100.0 | 99.8  | 98.8  | 92.7 | 76.8 | 56.3 | 36.0 | 21.7 | 73.9                         | 805                    |
|        | 12-14        | 100.0  | 100.0 | 99.6  | 96.5  | 82.7 | 62.4 | 42.3 | 26.0 | 12.3 | 69.1                         | 796                    |
|        | 15-17        | 100.0  | 100.0 | 99.2  | 94.7  | 79.0 | 63.5 | 41.1 | 22.4 | 10.2 | 66.9                         | 644                    |
|        | 18-20        | 100.0  | 100.0 | 100.0 | 97.9  | 87.6 | 75.5 | 55.2 | 29.4 | 17.0 | 72.4                         | 423                    |
|        | 21-23        | 100.0  | 100.0 | 100.0 | 99.8  | 96.6 | 85.7 | 67.6 | 42.7 | 25.5 | 77.7                         | 475                    |
| TOTALS |              | 100.0  | 100.0 | 99.8  | 98.5  | 91.6 | 79.5 | 60.2 | 39.2 | 22.7 | 75.1                         | 515                    |

USAFETAC

FORM  
JUL 64

0-87-5 (OL A)





CENTRAL METEOROLOGICAL BRANCH  
AF TAC  
AF WEATHER SERVICE/AFAC

# RELATIVE HUMIDITY

STATION NAME: GRADY-GEORGE AFB TX PERIOD: 73-84 MONTH: OCT

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH  | HOURS<br>LST | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN |       |       |       |      |      |      |      |      | MEAN<br>RELATIVE<br>HUMIDITY | TOTAL<br>NO. OF<br>OBS. |
|--------|--------------|--|-------|-------|-------|------|------|------|------|------|------------------------------|-------------------------|
|        |              | 10   | 20    | 30    | 40    | 50   | 60   | 70   | 80   | 90   |                              |                         |
| OCT    | 1-12         | 100.0  | 100.0 | 100.0 | 99.9  | 98.5 | 91.4 | 78.2 | 57.7 | 33.1 | 51.0                         | 620                     |
|        | 13-15        | 100.0  | 100.0 | 100.0 | 100.0 | 99.7 | 93.7 | 80.7 | 62.3 | 34.3 | 52.4                         | 87                      |
|        | 16-18        | 100.0  | 100.0 | 100.0 | 99.9  | 98.7 | 94.4 | 79.9 | 64.5 | 34.4 | 52.3                         | 622                     |
|        | 19-21        | 100.0  | 100.0 | 100.0 | 99.8  | 97.4 | 91.0 | 76.0 | 58.7 | 33.3 | 51.3                         | 671                     |
|        | 22-24        | 100.0  | 100.0 | 99.8  | 98.9  | 95.6 | 86.1 | 71.3 | 53.0 | 28.9 | 75.7                         | 823                     |
|        | 25-27        | 100.0  | 100.0 | 99.9  | 99.2  | 95.9 | 87.1 | 73.0 | 53.5 | 28.4 | 79.0                         | 777                     |
|        | 28-30        | 100.0  | 100.0 | 100.0 | 99.8  | 97.4 | 90.0 | 76.5 | 59.0 | 32.8 | 80.9                         | 650                     |
|        | 31-23        | 100.0  | 100.0 | 100.0 | 99.6  | 98.7 | 89.7 | 76.8 | 59.3 | 33.5 | 81.5                         | 670                     |
| TOTALS |              |  |       |       |       |      |      |      |      |      |                              |                         |
|        |              | 100.0  | 100.0 | 100.0 | 99.6  | 97.7 | 90.5 | 76.6 | 58.9 | 32.1 | 81.0                         | 6422                    |

CENTRAL CLIMATOLOGY BRANCH  
 U.S. AF TAC  
 AIR WEATHER SERVICE/MAC

# RELATIVE HUMIDITY

PERIOD 01-01-73 TO 01-01-74  
 STATION NAME

73-81

PERIOD

NOV  
 MONTH

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH  | HOURS<br>LST | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN |       |       |      |      |      |      |      | MEAN<br>RELATIVE<br>HUMIDITY | TOTAL<br>NO. OF<br>OBS |      |
|--------|--------------|--|-------|-------|------|------|------|------|------|------------------------------|------------------------|------|
|        |              | 10   | 20    | 30    | 40   | 50   | 60   | 70   | 80   | 90                           |                        |      |
| NOV    | 0-23         | 100.0  | 100.0 | 100.0 | 99.2 | 98.5 | 88.0 | 72.2 | 47.5 | 19.0                         | 77.4                   | 724  |
|        | 0-13         | 100.0  | 100.0 | 99.9  | 99.2 | 96.3 | 88.5 | 73.3 | 45.6 | 19.0                         | 77.6                   | 734  |
|        | 14-23        | 100.0  | 100.0 | 100.0 | 99.1 | 96.2 | 87.3 | 70.7 | 46.4 | 17.5                         | 77.3                   | 726  |
|        | 0-11         | 100.0  | 99.9  | 99.6  | 97.7 | 92.5 | 83.2 | 68.0 | 45.0 | 19.9                         | 76.1                   | 707  |
|        | 12-14        | 100.0  | 100.0 | 99.0  | 96.1 | 90.1 | 79.8 | 63.4 | 41.0 | 18.4                         | 74.0                   | 708  |
|        | 15-17        | 100.0  | 100.0 | 99.7  | 97.8 | 92.5 | 82.0 | 66.0 | 42.7 | 18.9                         | 75.4                   | 771  |
|        | 18-21        | 100.0  | 100.0 | 99.3  | 97.4 | 93.4 | 84.7 | 65.9 | 44.8 | 21.7                         | 75.9                   | 677  |
|        | 22-23        | 100.0  | 100.0 | 99.5  | 97.8 | 95.2 | 85.0 | 69.7 | 48.0 | 22.1                         | 77.2                   | 555  |
| TOTALS |              | 100.0  | 100.0 | 99.7  | 96.0 | 94.0 | 84.8 | 68.7 | 45.4 | 19.6                         | 76.4                   | 5947 |

## RELATIVE HUMIDITY

370

| MONTH  | HOURS<br>LST | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN |       |      |      |      |      |      |      |      | MEAN<br>RELATIVE<br>HUMIDITY | TOTAL<br>NO. OF<br>OBS |
|--------|--------------|--|-------|------|------|------|------|------|------|------|------------------------------|------------------------|
|        |              | 10%  | 20%   | 30%  | 40%  | 50%  | 60%  | 70%  | 80%  | 90%  |                              |                        |
| JULY   | 01-03        | 99.9   | 99.0  | 98.3 | 97.4 | 93.6 | 84.7 | 64.3 | 35.3 | 9.7  | 73.0                         | 618                    |
|        | 04-06        | 100.0  | 99.9  | 98.8 | 96.5 | 92.1 | 85.3 | 63.8 | 34.5 | 10.0 | 73.0                         | 624                    |
|        | 07-09        | 100.0  | 100.0 | 99.5 | 97.7 | 92.2 | 84.4 | 63.5 | 36.0 | 9.5  | 73.6                         | 625                    |
|        | 10-12        | 100.0  | 99.9  | 99.4 | 96.7 | 92.5 | 83.9 | 63.1 | 34.7 | 10.6 | 73.3                         | 624                    |
|        | 13-15        | 100.0  | 100.0 | 99.4 | 96.8 | 92.4 | 83.8 | 63.2 | 33.5 | 11.3 | 73.3                         | 627                    |
|        | 16-18        | 99.9   | 99.5  | 98.8 | 96.7 | 94.3 | 84.4 | 64.3 | 35.3 | 14.4 | 74.                          | 614                    |
|        | 19-21        | 100.0  | 99.4  | 98.6 | 96.5 | 91.8 | 83.4 | 61.4 | 36.0 | 10.6 | 73.2                         | 634                    |
|        | 22-24        | 100.0  | 99.7  | 98.4 | 96.7 | 93.4 | 82.6 | 58.6 | 35.6 | 10.0 | 72.8                         | 637                    |
| TOTALS |              | 100.0  | 99.0  | 99.0 | 96.9 | 92.8 | 84.1 | 62.8 | 35.1 | 10.8 | 73.4                         | 6196                   |

CLIMATE CLIMATOLOGY BRANCH  
USAFETAC  
AF WEATHER SERVICE/MAC

# RELATIVE HUMIDITY

STATION WPAFBREWOHN AFS AM

73-R1

ALL

STATION

STATION NAME

PERIOD

MONTH

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH  | HOURS<br>LST | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN |       |       |      |      |      |      |      |      | MEAN<br>RELATIVE<br>HUMIDITY | TOTAL<br>NO. OF<br>OBS |
|--------|--------------|--|-------|-------|------|------|------|------|------|------|------------------------------|------------------------|
|        |              | 10   | 20    | 30    | 40   | 50   | 60   | 70   | 80   | 90   |                              |                        |
| JAN    | ALL          | 100.0  | 99.4  | 99.5  | 96.0 | 88.5 | 72.9 | 49.1 | 26.3 | 17.9 | 69.6                         | 5514                   |
| FEB    |              | 100.0  | 99.6  | 99.7  | 95.7 | 86.3 | 71.4 | 46.6 | 23.2 | 5.7  | 67.9                         | 5020                   |
| MAR    |              | 100.0  | 99.6  | 99.3  | 97.3 | 90.7 | 73.2 | 50.2 | 26.6 | 9.0  | 70.0                         | 6215                   |
| APR    |              | 100.0  | 100.0 | 99.5  | 96.2 | 87.6 | 69.5 | 47.9 | 28.8 | 17.9 | 69.4                         | 599                    |
| MAY    |              | 100.0  | 100.0 | 99.2  | 94.3 | 79.8 | 58.9 | 36.1 | 20.6 | 8.7  | 65.4                         | 628                    |
| JUN    |              | 100.0  | 100.0 | 99.4  | 94.8 | 84.6 | 70.1 | 50.7 | 32.0 | 16.7 | 77.5                         | 5615                   |
| JUL    |              | 100.0  | 100.0 | 99.8  | 96.5 | 91.6 | 79.5 | 63.2 | 39.2 | 22.7 | 75.1                         | 5515                   |
| AUG    |              | 100.0  | 100.0 | 99.9  | 99.1 | 92.9 | 79.3 | 61.4 | 37.5 | 17.7 | 74.7                         | 5890                   |
| SEP    |              | 100.0  | 100.0 | 100.0 | 99.4 | 95.3 | 86.3 | 69.4 | 46.8 | 24.8 | 77.9                         | 6141                   |
| OCT    |              | 100.0  | 100.0 | 100.0 | 99.6 | 97.7 | 90.5 | 76.6 | 58.8 | 32.1 | 91.0                         | 6222                   |
| NOV    |              | 100.0  | 100.0 | 99.7  | 96.0 | 94.0 | 84.8 | 68.7 | 45.4 | 19.6 | 76.4                         | 5940                   |
| DEC    |              | 100.0  | 99.0  | 99.0  | 95.9 | 92.8 | 84.1 | 62.8 | 35.1 | 10.8 | 73.4                         | 6105                   |
| TOTALS |              | 100.0  | 99.9  | 99.4  | 97.1 | 91.1 | 76.7 | 56.6 | 34.8 | 15.8 | 72.6                         | 75516                  |

USAFETAC

FORM  
11-11-64

D-87-5 VOL A

U S AIR FORCE  
ENVIRONMENTAL TECHNICAL  
APPLICATIONS CENTER

PART F

PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

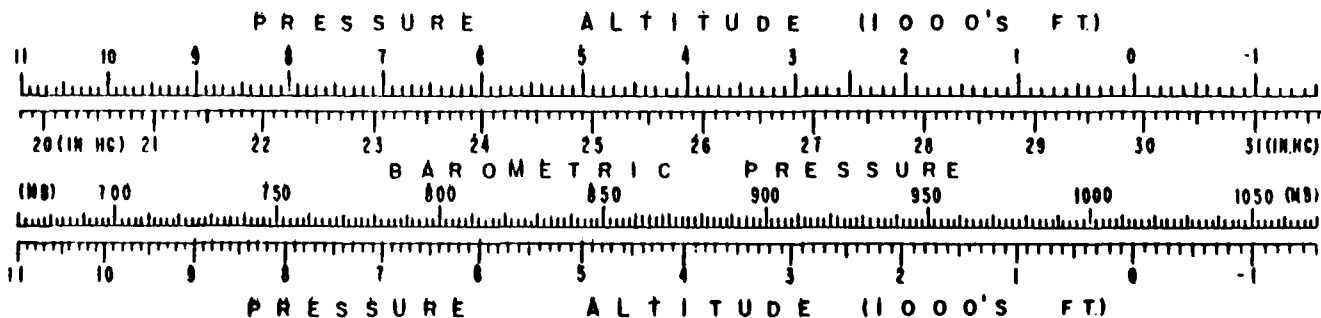
NOTES: Station pressure not reported for all services until late in 1945.

Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.

METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

1. Station pressure is presented in the table in inches of mercury.
2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



CENTRAL CLIMATOLOGY BRANCH  
USAF ETAC  
AF WEATHER SERVICE/MAC

# MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

STATION NAME  
PACREVOHN AFS AK

73-81

| STATION NAME | YEAR | JAN   | FEB   | MAR   | APR   | MAY   | JUN   | JUL   | AUG   | SEP   | OCT   | NOV   | DEC   | TOTAL OBS |
|--------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----------|
| MEAN         | 73   | 27.54 | 27.86 | 27.93 | 28.03 | 28.07 | 28.20 | 28.23 | 28.25 | 28.34 | 27.84 | 27.87 | 27.99 | 27.91     |
| S.D.         | 73   | .43   | .36   | .29   | .25   | .23   | .18   | .16   | .20   | .25   | .31   | .39   | .41   | .23       |
| TOTAL OBS    | 73   | 221   | 221   | 264   | 263   | 264   | 256   | 258   | 243   | 265   | 275   | 261   | 277   | 2191      |
| MEAN         | 74   | 27.14 | 27.86 | 27.92 | 28.03 | 28.07 | 28.20 | 28.23 | 28.25 | 28.34 | 27.84 | 27.87 | 27.99 | 27.91     |
| S.D.         | 74   | .43   | .36   | .29   | .25   | .23   | .18   | .16   | .20   | .25   | .31   | .39   | .41   | .23       |
| TOTAL OBS    | 74   | 221   | 221   | 264   | 263   | 264   | 256   | 258   | 243   | 265   | 275   | 261   | 277   | 2191      |
| MEAN         | 75   | 27.23 | 27.86 | 27.92 | 28.03 | 28.07 | 28.20 | 28.23 | 28.25 | 28.34 | 27.84 | 27.87 | 27.99 | 27.91     |
| S.D.         | 75   | .42   | .37   | .29   | .25   | .23   | .18   | .16   | .20   | .25   | .31   | .39   | .41   | .23       |
| TOTAL OBS    | 75   | 267   | 247   | 276   | 265   | 278   | 260   | 260   | 27    | 269   | 275   | 265   | 274   | 2191      |
| MEAN         | 76   | 27.54 | 27.87 | 27.93 | 28.03 | 28.07 | 28.20 | 28.23 | 28.25 | 28.34 | 27.84 | 27.87 | 27.99 | 27.91     |
| S.D.         | 76   | .42   | .37   | .29   | .25   | .23   | .18   | .16   | .20   | .25   | .31   | .39   | .41   | .23       |
| TOTAL OBS    | 76   | 250   | 250   | 277   | 265   | 278   | 261   | 269   | 271   | 269   | 275   | 266   | 277   | 2191      |
| MEAN         | 77   | 27.93 | 27.87 | 27.93 | 28.03 | 28.07 | 28.20 | 28.23 | 28.25 | 28.34 | 27.84 | 27.87 | 27.99 | 27.91     |
| S.D.         | 77   | .42   | .37   | .29   | .25   | .23   | .18   | .16   | .20   | .25   | .31   | .39   | .41   | .23       |
| TOTAL OBS    | 77   | 266   | 247   | 276   | 263   | 278   | 261   | 264   | 270   | 260   | 274   | 265   | 277   | 2191      |
| MEAN         | 78   | 27.95 | 27.86 | 27.92 | 28.03 | 28.07 | 28.20 | 28.23 | 28.25 | 28.34 | 27.84 | 27.87 | 27.99 | 27.91     |
| S.D.         | 78   | .43   | .36   | .29   | .25   | .23   | .18   | .16   | .20   | .25   | .31   | .39   | .41   | .23       |
| TOTAL OBS    | 78   | 227   | 231   | 275   | 265   | 273   | 212   | 204   | 224   | 266   | 253   | 252   | 275   | 2191      |
| MEAN         | 79   | 27.95 | 27.86 | 27.92 | 28.03 | 28.07 | 28.20 | 28.23 | 28.25 | 28.34 | 27.84 | 27.87 | 27.99 | 27.91     |
| S.D.         | 79   | .44   | .34   | .26   | .26   | .22   | .18   | .15   | .21   | .26   | .31   | .42   | .44   | .23       |
| TOTAL OBS    | 79   | 155   | 151   | 207   | 215   | 219   | 166   | 136   | 279   | 215   | 215   | 198   | 212   | 2191      |
| MEAN         | 80   | 27.95 | 27.87 | 27.91 | 28.03 | 28.07 | 28.20 | 28.23 | 28.25 | 28.34 | 27.84 | 27.87 | 27.99 | 27.91     |
| S.D.         | 80   | .44   | .34   | .28   | .26   | .22   | .18   | .16   | .20   | .26   | .31   | .42   | .44   | .23       |
| TOTAL OBS    | 80   | 166   | 141   | 196   | 215   | 202   | 167   | 134   | 192   | 209   | 215   | 189   | 272   | 2191      |
| MEAN         | 81   | 27.95 | 27.86 | 27.92 | 28.03 | 28.07 | 28.20 | 28.23 | 28.25 | 28.34 | 27.84 | 27.87 | 27.99 | 27.91     |
| S.D.         | 81   | .43   | .36   | .29   | .25   | .23   | .18   | .15   | .20   | .25   | .31   | .42   | .44   | .23       |
| TOTAL OBS    | 81   | 1651  | 1725  | 2146  | 1976  | 2071  | 1643  | 1797  | 1938  | 2025  | 2061  | 1956  | 2166  | 2191      |

GLOBAL CLIMATOLOGY BRANCH  
JTFETAC  
AIR WEATHER SERVICE/MAC

# MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

STATION SPARREVOORN AFS AK

73-81

|              |              | YEARS        |              |              |              |              |              |              |              |              |              |              |              | TOTAL<br>OBS | MEAN<br>S.D. |
|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
|              |              | JAN          | FEB          | MAR          | APR          | MAY          | JUN          | JUL          | AUG          | SEP          | OCT          | NOV          | DEC          |              |              |
| 1            | MEAN         | 993.01005.41 | 993.11006.21 | 993.21006.21 | 993.31006.21 | 993.41006.21 | 993.51006.21 | 993.61006.21 | 993.71006.21 | 993.81006.21 | 993.91006.21 | 994.01006.21 | 994.11006.21 | 644          | 11.89        |
|              | TOTAL OBS    | 31           | 28           | 31           | 31           | 31           | 31           | 31           | 31           | 31           | 31           | 31           | 31           |              |              |
| 2            | MEAN         | 993.11005.31 | 993.21005.91 | 993.31005.91 | 993.41005.91 | 993.51005.91 | 993.61005.91 | 993.71005.91 | 993.81005.91 | 993.91005.91 | 994.01005.91 | 994.11005.91 | 994.21005.91 | 646          | 11.90        |
|              | TOTAL OBS    | 31           | 29           | 31           | 31           | 31           | 31           | 31           | 31           | 31           | 31           | 31           | 31           |              |              |
| 3            | MEAN         | 993.71005.61 | 993.81005.61 | 993.91005.61 | 994.01005.61 | 994.11005.61 | 994.21005.61 | 994.31005.61 | 994.41005.61 | 994.51005.61 | 994.61005.61 | 994.71005.61 | 994.81005.61 | 644          | 11.89        |
|              | TOTAL OBS    | 31           | 29           | 31           | 31           | 31           | 31           | 31           | 31           | 31           | 31           | 31           | 31           |              |              |
| 4            | MEAN         | 993.91005.11 | 994.01005.11 | 994.11005.11 | 994.21005.11 | 994.31005.11 | 994.41005.11 | 994.51005.11 | 994.61005.11 | 994.71005.11 | 994.81005.11 | 994.91005.11 | 995.01005.11 | 643          | 11.76        |
|              | TOTAL OBS    | 31           | 28           | 33           | 31           | 31           | 31           | 31           | 31           | 31           | 31           | 31           | 31           |              |              |
| 5            | MEAN         | 993.91005.11 | 994.01005.11 | 994.11005.11 | 994.21005.11 | 994.31005.11 | 994.41005.11 | 994.51005.11 | 994.61005.11 | 994.71005.11 | 994.81005.11 | 994.91005.11 | 995.01005.11 | 644          | 11.86        |
|              | TOTAL OBS    | 31           | 30           | 33           | 31           | 31           | 31           | 31           | 31           | 31           | 31           | 31           | 31           |              |              |
| 6            | MEAN         | 993.81005.91 | 993.91005.91 | 994.01005.91 | 994.11005.91 | 994.21005.91 | 994.31005.91 | 994.41005.91 | 994.51005.91 | 994.61005.91 | 994.71005.91 | 994.81005.91 | 994.91005.91 | 646          | 11.87        |
|              | TOTAL OBS    | 31           | 28           | 33           | 31           | 31           | 31           | 31           | 31           | 31           | 31           | 31           | 31           |              |              |
| 7            | MEAN         | 993.21005.91 | 993.31005.91 | 993.41005.91 | 993.51005.91 | 993.61005.91 | 993.71005.91 | 993.81005.91 | 993.91005.91 | 994.01005.91 | 994.11005.91 | 994.21005.91 | 994.31005.91 | 646          | 11.89        |
|              | TOTAL OBS    | 31           | 28           | 33           | 31           | 31           | 31           | 31           | 31           | 31           | 31           | 31           | 31           |              |              |
| 8            | MEAN         | 993.11005.11 | 993.21005.11 | 993.31005.11 | 993.41005.11 | 993.51005.11 | 993.61005.11 | 993.71005.11 | 993.81005.11 | 993.91005.11 | 994.01005.11 | 994.11005.11 | 994.21005.11 | 644          | 11.79        |
|              | TOTAL OBS    | 31           | 29           | 32           | 31           | 31           | 31           | 31           | 31           | 31           | 31           | 31           | 31           |              |              |
| ALL<br>HOURS | MEAN<br>S.D. | 993.51006.01 | 993.61006.01 | 993.71006.01 | 993.81006.01 | 993.91006.01 | 994.01006.01 | 994.11006.01 | 994.21006.01 | 994.31006.01 | 994.41006.01 | 994.51006.01 | 994.61006.01 | 5174         | 11.79        |
|              | TOTAL OBS    | 234          | 229          | 262          | 483          | 497          | 487          | 498          | 522          | 484          | 524          | 486          | 488          |              |              |

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